

MILLENNIUM **Bulk Terminals—Longview**

EIS Environmental Impact Statement

State Environmental Policy Act Final Environmental Impact Statement

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Built Environment Technical Reports

Land and Shoreline Use

Social and Community Resources

Aesthetics, Light, and Glare

Hazardous Materials

MILLENNIUM BULK TERMINALS—LONGVIEW SEPA ENVIRONMENTAL IMPACT STATEMENT

SEPA LAND AND SHORELINE USE TECHNICAL REPORT

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List of Acronyms and Abbreviations

Applicant	Millennium Bulk Terminals—Longview, LLC
BMP	Black Mud Pond
BNSF	BNSF Railway Company
CCC	Cowlitz County Code
CFR	Code of Federal Regulations
CUP	Conditional Use Permit
CWCOG	Cowlitz-Wahkiakum Council of Governments
Ecology	Washington State Department of Ecology
GMA	Washington State Growth Management Act
I-5	Interstate 5
LMC	Longview Municipal Code
M/RTP	CWCOG Metropolitan and Regional Transportation Plan 2009–2029
NEPA	National Environmental Policy Act
NPDES	National Pollutant Discharge Elimination System
OHWM	ordinary high water mark
Port	Port of Longview
RCW	Revised Code of Washington
Reynolds facility	Reynolds Metals Company facility
SEPA	Washington State Environmental Policy Act
SMA	Shoreline Management Act
SMP	Shoreline Management Master Program
SPW	shoreline protection work
SSDP	Site-Specific Development Plan
TESC	Temporary Erosion and Sediment Control
USC	United States Code
WAC	Washington Administrative Code

Chapter 1
Introduction

This technical report assesses the potential land and shoreline use impacts of the proposed Millennium Bulk Terminals-Longview project (Proposed Action) and No-Action Alternative. For the purposes of this assessment, land and shoreline use includes land and shoreline resources, parks and recreation facilities, and agricultural land. This report describes the regulatory setting, establishes the methods for assessing potential land and shoreline use impacts, presents the historical and current land and shoreline use conditions in the study area, and assesses the potential for impacts on land and shoreline use.

1.1 Project Description

Millennium Bulk Terminals—Longview, LLC (Applicant) is proposing to construct and operate a coal export terminal (Proposed Action) in Cowlitz County, Washington along the Columbia River (Figure 1). The coal export terminal would receive coal from the Powder River Basin in Montana and Wyoming, and the Uinta Basin in Utah and Colorado via rail shipment. The coal export terminal would receive, stockpile, and load coal onto vessels and transport the coal via the Columbia River and Pacific Ocean to overseas markets in Asia.

1.1.1 Proposed Action

Under the Proposed Action, the Applicant would develop the coal export terminal on 190 acres (project area) primarily within an existing 540-acre site that is currently leased by the Applicant (Applicant's leased area). The project area is adjacent to the Columbia River in unincorporated Cowlitz County, Washington near Longview, Washington (Figure 2). The Applicant currently operates and would continue to operate a bulk product terminal within the Applicant's leased area.

BNSF Railway Company (BNSF) or Union Pacific Railroad (UP) trains would transport coal on BNSF main line routes in Washington State, and the BNSF Spur and Reynolds Lead in Cowlitz County to the project area. Coal would be unloaded from rail cars, stockpiled, and loaded by conveyor onto ocean-going vessels for export at two new docks (Docks 2 and 3) located in the Columbia River.

Once construction is complete, the Proposed Action could have a maximum annual throughput capacity of up to 44 million metric tons of coal per year. The coal export terminal would consist of one operating rail track, eight rail tracks for storing up to eight unit trains, rail car unloading facilities, a stockpile area for coal storage, conveyor and reclaiming facilities, two new docks in the Columbia River (Docks 2 and 3), and shiploading facilities on the two docks. Dredging of the Columbia River would be required to provide access to and from the Columbia River navigation channel and for berthing at the two new docks.

Vehicles would access the project area from Industrial Way (State Route 432), and vessels would access the project area via the Columbia River. The Reynolds Lead and BNSF Spur track—both jointly owned by BNSF and UP and operated by Longview Switching Company (LVSW)—provide rail access to the project area from a point on the BNSF main line (Longview Junction) located to the east

in Kelso, Washington. Coal export terminal operations would occur 24 hours per day, 7 days per week. The coal export terminal would be designed for a minimum 30-year period of operation.

At full terminal operations, approximately 8 loaded unit trains each day would carry coal to the export terminal, 8 empty unit trains each day would leave the export terminal, and an average of 70 vessels per month or 840 vessels per year would be loaded, which would equate to 1,680 vessel transits in the Columbia River annually.

Figure 1. Project Vicinity

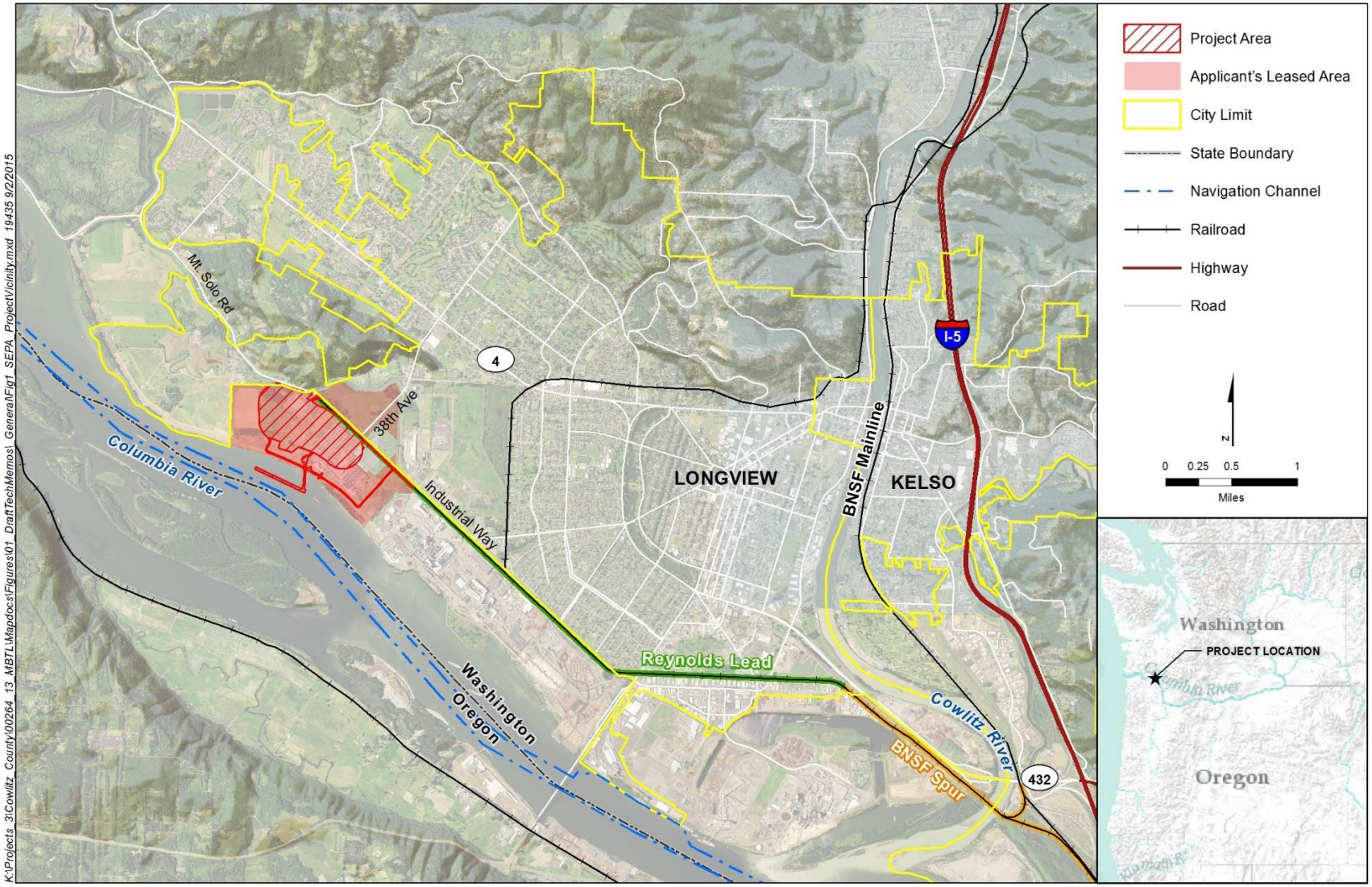
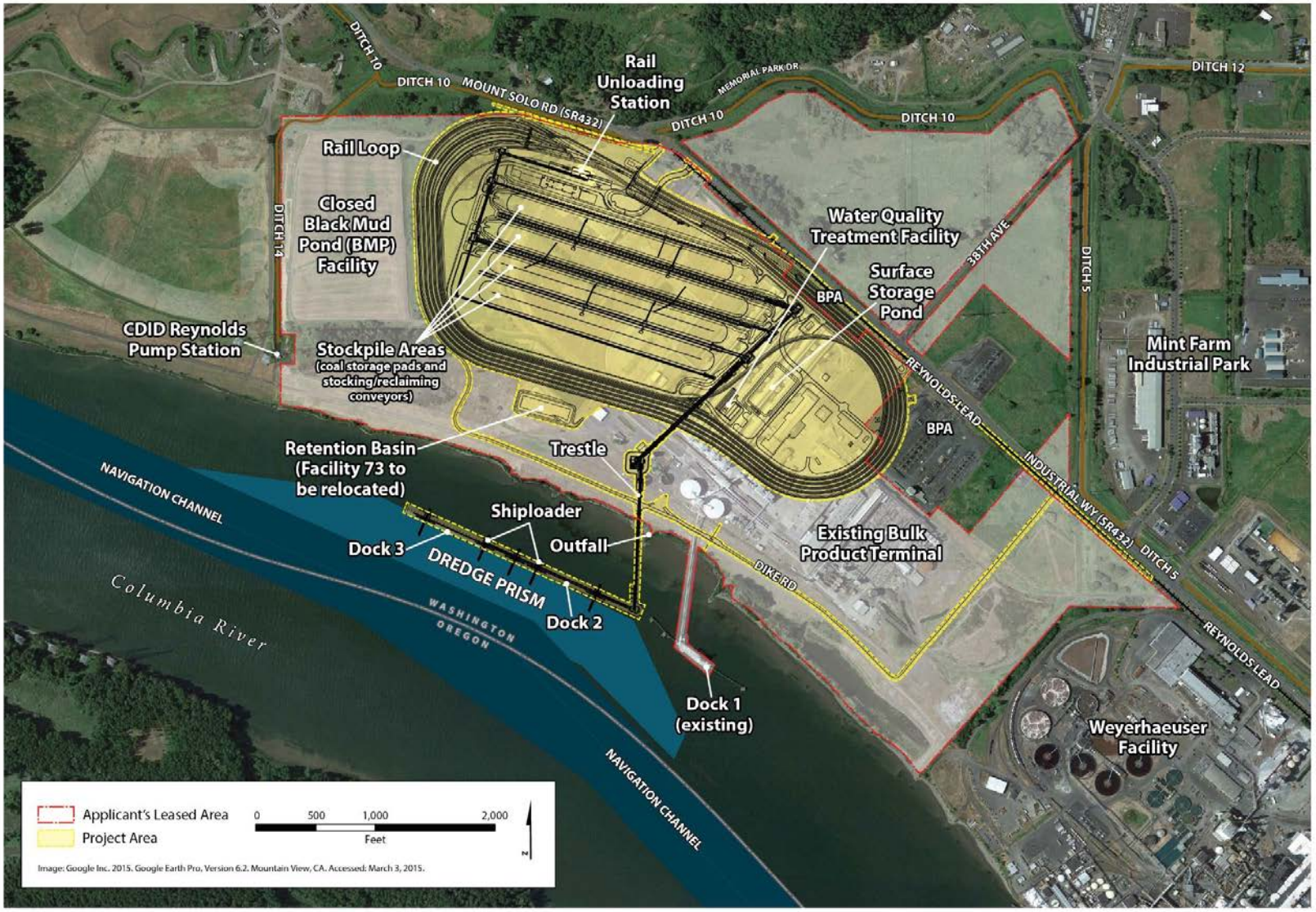


Figure 2. Proposed Action



1.1.2 No-Action Alternative

The Applicant plans to continue operating its existing bulk product terminal located adjacent to the project area. Ongoing operations would include storing and transporting alumina and small quantities of coal, and continued use of Dock 1. Maintenance of the existing bulk product terminal would continue, including maintenance dredging at the existing dock every 2 to 3 years. The Applicant plans to expand operations at the existing bulk product terminal, which could include increased storage and upland transfer of bulk products utilizing new and existing buildings. The Applicant would likely need to undertake demolition, construction, and other related activities to develop expanded bulk product terminal facilities.

If the coal export terminal is not constructed, the Applicant would likely propose expansion of the bulk product terminal onto areas that would have been subject to construction and operation of the proposed coal export terminal. Additional bulk product transfer activities could involve products such as a calcined pet coke, coal tar pitch, cement, fly ash, and sand or gravel. Any new operations would be evaluated under applicable regulations. Upland areas of the project area are zoned Heavy Industrial and it is assumed future proposed industrial uses in these upland areas could be permitted. Any new construction would be limited to uses allowed under existing Cowlitz County development regulations.

1.2 Regulatory Setting

Federal, state, and local regulations, statutes, and guidelines require the review of the possible environmental impacts of the Proposed Action, including potential impacts on land and shoreline use. The jurisdictional authorities and corresponding regulations, statutes, and guidance for determining potential land and shoreline use impacts are summarized in Table 1.

Table 1. Regulations, Statutes, and Guidelines for Land and Shoreline Use

Regulation, Statute, Guideline	Description
Federal	
National Environmental Policy Act (42 USC 4321 *et seq*.)	Requires the consideration of potential environmental impacts. NEPA implementation procedures are set forth in the President's Council on Environmental Quality's Regulations for Implementing NEPA (49 CFR 1105).
Clean Water Act (33 USC 1251 *et seq*.)	Authorizes the U.S. Environmental Protection Agency to establish the basic structure for regulating discharges of pollutants into the waters of the United States and regulating quality standards for surface waters.
State	
Washington State Environmental Policy Act (WAC 197-11, RCW 43.21C)	SEPA directs state and local agencies to consider environmental impacts (cumulative, short-term, long-term, direct, and indirect), alternatives, and mitigation before committing to an action. SEPA gives agencies the authority to condition or deny a proposal based on the agency's adopted SEPA policies and environmental impacts identified in a SEPA document (RCW 43.21C.060, WAC 197-11-660).

Regulation, Statute, Guideline	Description
Washington State Growth Management Act (WAC 365-196, RCW 36.70A)	Requires state and local governments to manage Washington's growth by identifying and protecting critical areas and natural resource lands, designating urban growth areas, and preparing comprehensive plans and implementing them through capital investments and development regulations. The County is required to designate and protect critical areas under the Growth Management Act, but is otherwise not required to fully plan under the Growth Management Act.
Washington State Shoreline Management Act (WAC 173. 27 *et seq*., RCW 90.58)	Governs the use and development of "shorelines of the state." Requires local jurisdictions with "shorelines of the state" to develop and adopt a shoreline master program to carry out the policies of the SMA.
Washington State Harbor Improvement Plans (RCW 53.20)	Requires port commissions to develop and adopt a comprehensive scheme of harbor improvements and to make harbor improvements substantially in accordance with the adopted plan.
State Water Pollution Control Law (RCW 90.48)	Provides Ecology with the jurisdiction to control and prevent the pollution of streams, lakes, rivers, ponds, inland water, salt waters, watercourses, and other surface and groundwater in the state.
Local	
Cowlitz County SEPA Regulations (CCC 19.11)	The County has adopted and incorporated rules pertaining to the integration of policies and procedures as required under SEPA (RCW 43.21C.120).
Cowlitz County Critical Areas Regulations (CCC 19.15)	Designates critical areas within Cowlitz County and adopts development regulations to preserve them, in accordance with the requirements of GMA.
Cowlitz County Land Use Ordinance (CCC 18.10)	Establishes official land use controls (including zoning regulations) for unincorporated areas of Cowlitz County. The zoning regulations are the principal tool for implementing the goals and policies of the Cowlitz County Comprehensive Plan.
Cowlitz County Comprehensive Plan	Adopted in 1976 to manage County growth. A draft update is currently in development.
Cowlitz County Shoreline Management Regulations (CCC 19.20)	Adopted in 1977 in accordance with requirements of the SMA and County shorelines management regulations. Defines goals, policies, and objectives that apply to development within shoreline areas of the County. A draft update is currently in review by Ecology.
City of Longview Comprehensive Plan	Adopted in 2006 to manage the City of Longview's growth.
City of Longview Zoning Ordinance (LMC 19)	Establishes zoning regulations for the City of Longview.

Regulation, Statute, Guideline	Description
NEPA = National Environmental Policy Act; CFR = Code of Federal Regulations; USC = United States Code; RCW = Revised Code of Washington; SEPA = Washington State Environmental Policy Act; Ecology = Washington State Department of Ecology; WAC = Washington Administrative Code; SMA = Shoreline Management Act; CCC = Cowlitz County Code; County = Cowlitz County; GMA = Washington State Growth Management Act; SMP = Shoreline Management Master Program; City = City of Longview; Port = Port of Longview; LMC = Longview Municipal Code	

The plans and public policies that guide land use and shoreline resources in the study area are discussed in Section 2.2, *Existing Conditions*,

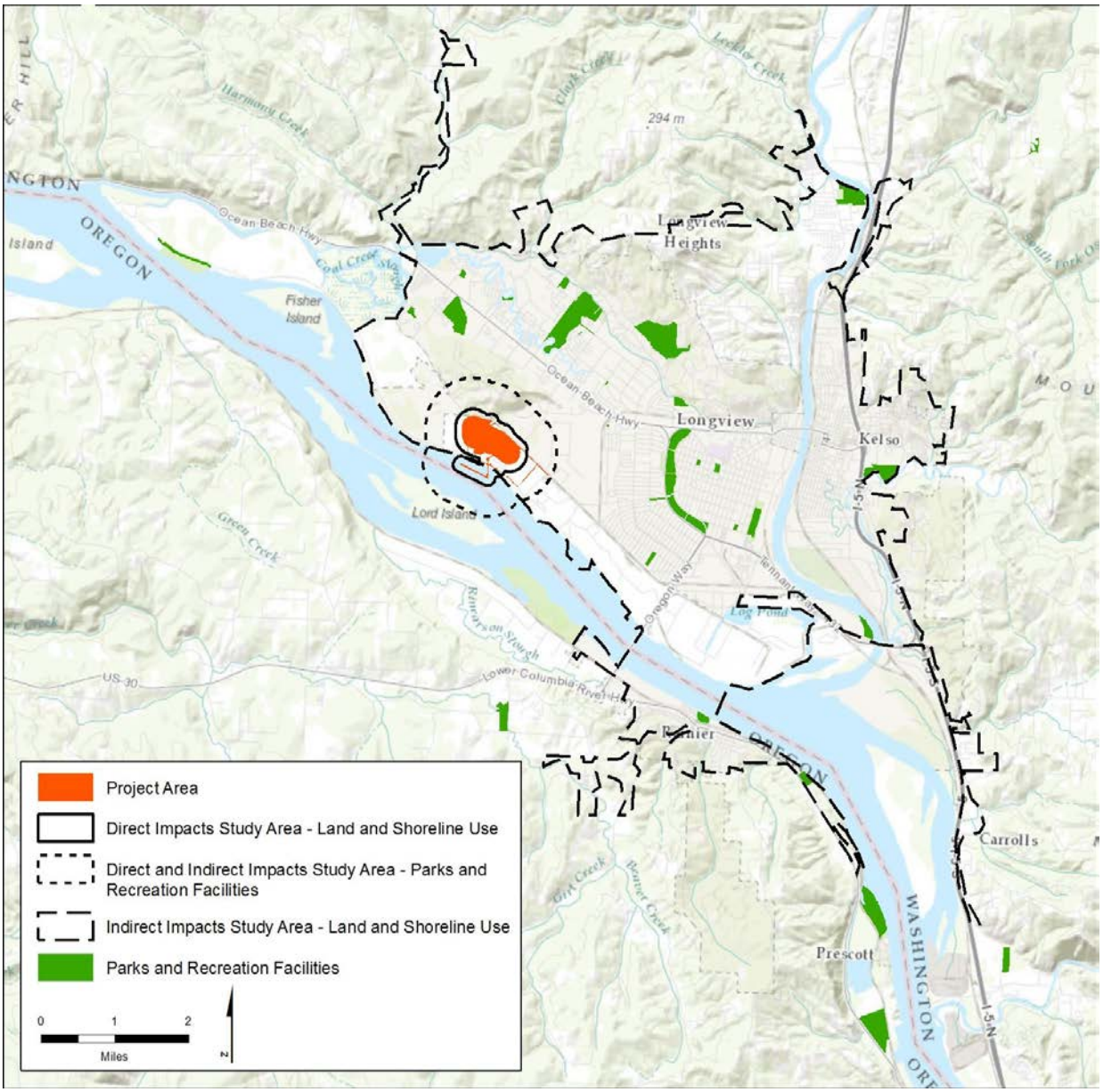
1.3 Study Areas

The analysis of land and shoreline use encompasses three built environment elements, each of which has its own study area. The following study areas were used for this analysis (Figure 3).

- **Land use and shoreline resources.** For direct impacts, the study area is the project area and the area within 500 feet of the project area boundaries, including the Columbia River. For indirect impacts, the study area is the Longview-Kelso urban area and nearby unincorporated areas of Cowlitz County.[1] When assessing consistency with zoning regulations, comprehensive plans, and other public plans and policies, the study area is the project area and the area within 500 feet of project area boundaries.
- **Parks and recreation facilities.** For direct and indirect impacts, the study area is the area within 0.5 mile of the project area. The study area also includes the nearby Willow Grove boat launch on the Washington side of the Columbia River and the Rainier Riverfront Park boat launch on the Oregon side. These boat launches are more than 0.5 mile from the project area but provide public boating access to the Columbia River near the project area.
- **Agricultural land.** For direct impacts, the study area is the project area. For indirect impacts, the study area is the project area and the area within 500 feet of project area boundaries.

[1] This broader land use study area is the Longview-Kelso urban area as defined in the 2010 U.S. Census and adjusted to include the unincorporated areas of Cowlitz County adjacent to the project area, which are not part of the Census-defined urban area.

Figure 3. Study Areas for Land and Shoreline Use



Chapter 2
Existing Conditions

This chapter explains the methods for assessing the existing conditions and determining impacts, and describes the existing conditions in the study area as they pertain to land and shoreline use.

2.1 Methods

This section describes the methods and data sources used to characterize the existing conditions and assess the potential impacts of the Proposed Action and No-Action Alternative on land and shoreline use.

2.1.1 Data Sources

The following sources of information were used to evaluate the land and shoreline use characteristics of the study areas and to define applicable public policies.

- *Shorelines Management Master Program* (Cowlitz County 1977) and current documents related to the update process for both Cowlitz County and the City of Longview, including draft Shoreline Environmental Designation maps.
- *Cowlitz County Comprehensive Plan* (1976) and current comprehensive plan update documents (Cowlitz County 2014b).
- Cowlitz County Code (CCC), including the Land Use Ordinance (Chapter 18.10), Environmental Policy (Chapter 19.11), Critical Areas Protection Ordinance (Chapter 19.15), and Shoreline Management (Chapter 19.20) (Cowlitz County 2014d).
- Cowlitz County NetMaps and geographic information system data.
- Field surveys conducted September 15 and October 29, 2014.
- Revised Code of Washington (RCW) and Washington Administrative Code (WAC).
- U.S. Census Bureau, State and County Quick Facts reports for the Cities of Kelso and Longview and Table DP-1 Profile of General Population and Housing Characteristics: 2010 Demographic Profile for the City of Rainier (U.S. Census Bureau 2014a, 2014b, 2014c).
- *Millennium Coal Export Terminal Longview, Washington Land Use and Shoreline Plans and Policies; Other Public Interest Areas Resource Report* (URS Corporation 2014).
- *Remedial Investigation Feasibility Study, Former Reynolds Metals Reduction Plant-Longview Draft Executive Summary* (Washington State Department of Ecology 2014).
- Cowlitz County and City of Longview websites.
- Longview Municipal Code (LMC).
- Websites for Mint Farm Industrial Park; Lower Columbia Estuary Partnership; Patriot Rail; Millennium Bulk Terminals—Longview, LLC; Washington Department of Fish and Wildlife; and Weyerhaeuser.

2.1.2 Impact Analysis

The following methods were used to evaluate the potential impacts of the action alternative on land and shoreline use in the study areas. For the purposes of this analysis, construction impacts are based on peak construction period, and operations impacts are based on maximum throughput capacity (up to 44 million metric tons of coal per year).

The analysis identifies existing conditions and then describes changes to land and shoreline use conditions at the project area during both construction and operation of the Proposed Action and No-Action Alternative. The analysis then assesses whether the changes to land and shoreline use on the project areas would be compatible with surrounding land use and whether they would be consistent with applicable land use plans and policies, zoning ordinances, and shoreline regulations. In general, the assessment of land and shoreline use compatibility is based on the types of uses, their intensities, and their proximity to one another.

2.2 Existing Conditions

The existing environmental conditions related to land and shoreline use, zoning, land use plans, and public policy in the study areas are described below.

2.2.1 Land and Shoreline Use

This section describes the existing land and shoreline use of the project area and the study areas for the Proposed Action.

2.2.1.1 Direct Impacts Study Area

The project area consists of an approximately 190-acre site primarily within a 540-acre area currently leased and operated by the Applicant, as well as the in-water area where the proposed docks would be constructed in the Columbia River. The project area consists of all or portions of eight Cowlitz County tax parcels (619530400, 61950, 61953, 6195303, 61954, 61951, 61948, and WI3100003). These parcels are owned by Northwest Alloys, BNSF, and the Bonneville Power Administration (BPA) (Cowlitz County 2014a). The project area also includes portions of the Columbia River that are owned by the Washington State Department of Natural Resources and subject to an aquatic lands lease (Lease No. 20-B09222). Northwest Alloys leases the aquatic lands, but the Applicant is under contract as the operator of the marine and upland facilities at the project area.

Historical Land Use

The 540-acre area leased by the Applicant that contains the project area has been an industrial use since 1941. Reynolds Metals Company constructed and operated an aluminum smelter and aluminum casting facility within the project area from 1941 until 2000. Northwest Alloys purchased the area in May 2000, and remains as the owner. Operations at the area ceased in February 2001, and all smelting equipment was removed (Washington State Department of Ecology 2014a). The Reynolds Metals Company facility was an intensive industrial use and, at the time of its closure in 2001, it employed approximately 800 workers and operated 24 hours per day, 7 days per week. In December 2004, Chinook Ventures purchased the facility assets and obtained a ground lease to store

and transport fly ash, petroleum coke, alumina, and cement from 2004 to 2010. The Applicant purchased the facility assets from Chinook Ventures in January 2011, and now operates on a ground lease with Northwest Alloys (Washington State Department of Ecology 2014a). After taking ownership of facility assets in early 2011, the Applicant cleared and disposed of the debris and waste left by previous industrial activities.

Current Land Use

Overall, the project area is underused, with industrial activities occurring at a much lower intensity than historical levels. Portions of the project area are also the subject of ongoing hazardous materials cleanup activities resulting from contamination by former aluminum smelting and casting uses (Washington State Department of Ecology 2014a). Cleanup and hazardous materials are described in the SEPA Hazardous Materials Technical Report (ICF 2017a). Figure 4 shows the existing land uses near the project area; land uses in the indirect impacts study area are discussed below.

According to reports prepared by the Applicant (URS Corporation 2014a), portions of the project area are used for industrial purposes, and the project area includes the following facilities.

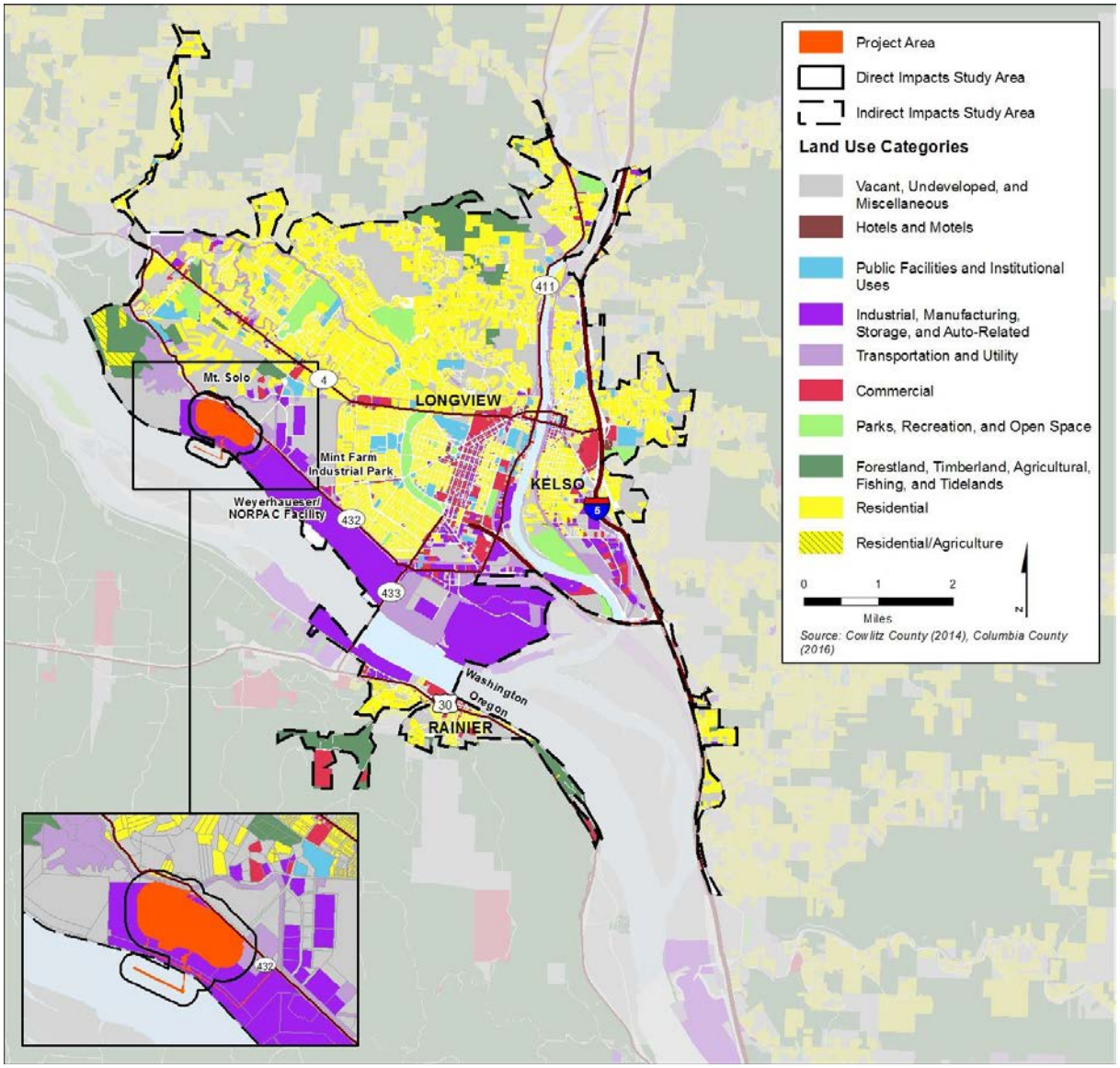
- Four office buildings
- Maintenance sheds
- Potlines for storage of materials
- Two cast house buildings
- A combined stormwater and wastewater treatment facility
- An industrial wastewater treatment plant
- A carbon plant
- The former cable plant building and associated structures
- Rail facilities associated with the Reynolds Metals Company operations

The project area also includes two parcels currently owned by BPA and parcels owned by BNSF. The BPA parcels contain BPA facilities, including an access road and substation along Industrial Way. The parcels owned by BNSF contain portions of the Reynolds Lead.

The Applicant's leased area surrounding the project area also contains industrial uses associated with the existing bulk products terminal. Facilities within the Applicant's leased area include:

- A sanitary sewer treatment plant
- A dock, trestle, and dolphins for vessel berthing
- A ship berth
- A vacuum ship unloader used for alumina shipments
- An additional shiploader originally installed by Reynolds Metals Company
- A conveyor system extending from the vacuum unloader to upland storage silos
- Holding tanks and silos constructed for the Reynolds Metals Company operations

Figure 4. Existing Land Use



While most of the project area is developed, its undeveloped western limit consists of open areas of grass and wetlands, and there is an approximately 6-acre forested wetland in the northwest corner of the property. No formally designated recreation sites or activities are located on the project area. An extensive levee system along the Columbia River is maintained by the Consolidated Diking and Improvement District (CDID) #1.

The area within 500 feet of the project area contains predominantly industrial and transportation/ utility land uses, along with two single-family residential uses. The area south of the project area is occupied by the bulk products terminal that the Applicant operates within the 540-acre leased area. Currently the Applicant uses a portion of the leased area as a bulk products terminal to import, store, and transfer bulk alumina and coal. The leased area includes upland facilities, a dock on the Columbia River capable of receiving Panamax-sized ships, and rail and road connections. Alumina is imported by ship, then stored and transferred by rail to an ALCOA smelter near Wenatchee,

Washington (Millennium Bulk Terminals Longview 2104). The coal is currently imported by rail, stored, and then transferred by truck to the adjacent Weyerhaeuser lumber products manufacturing facility, where it is used to power the facility.

Immediately west of the project area is the closed Black Mud Pond (BMP) facility, which previously served the Reynolds Metals Company facility. As part of the Reynolds facility, a cryolite recovery plant was constructed in 1953. A byproduct of the cryolite recovery process was black mud, which was disposed of in several fill deposits. One such pond was located in the West Plant area near Landfill 2. The 33-acre black mud pond impoundment, which was formally closed in 1992, has been subject to an approved ongoing maintenance and monitoring program overseen by the Washington State Department of Ecology (Ecology). No further remedial activities related to the Closed Black Mud Pond Facility are required in the final cleanup action plan.

The closed BMP facility appears as open vacant land traversed by overhead electrical lines and towers. Industrial Way (State Route 432) is adjacent to the project area to the northeast. As noted, in this area, the BNSF tracks are used to deliver and ship alumina and coal for the bulk products terminal. The area east of Industrial Way from the project area is also part of the Applicant's leased area and contains open land with overhead electrical wires and towers. The Bonneville Power Administration operates a substation along Industrial Way adjacent to the project area and the 540-acre leased area.

Other uses within the direct impacts study area include rights-of-way for CDID #1 and various land owned by the Port. The CDID #1 rights-of-way contain flood protection facilities such as levees, drainage ditches, and pump stations. The Port-owned land within the direct impacts study area is vacant.

The only residential uses in the direct impacts study area are two single-family detached houses across Industrial Way from the project area. The residences are located within the City of Longview heavy industrial zoning district. These houses are on wooded lots set back from the street.

No agricultural activities occur within 500 feet of the project area. While no formally designated recreation sites or activities occur in the upland portion of the direct impacts study area, the Columbia River is used for boating, fishing, and other forms of water recreation. In addition, the 146-mile Lower Columbia River Water Trail, which extends from Bonneville Dam to the mouth of the Columbia River, passes by the project area (Lower Columbia Estuary Partnership 2014).

Table A-1 in Appendix A, *Properties and Land Use in the Study Area*, lists the properties located within 500 feet of the boundaries of the project area and their land uses.

2.2.1.2 Indirect Impacts Study Area

The indirect impacts study area includes the Longview-Kelso urban area as defined in the 2010 U.S. Census and the unincorporated areas of the County adjacent to the project area (which are not part of the Census-defined urban area). The Cities of Longview and Kelso, Washington and Rainier, Oregon are located in this study area (Figure 4). The downtown centers of Longview (2010 population 36,648) and Kelso (2010 population 11,925) are located approximately 1 mile and 5 miles east of the project area, respectively, and Rainier (2010 population 1,895) is located approximately 4 miles southeast of the project area across the Columbia River (U.S. Census Bureau 2014). The Lewis and Clark Bridge connects the Washington and Oregon sides of the river.

Longview was the first planned community in Washington, and its downtown core along the west bank of the Cowlitz River includes streets radiating out from the Civic Center around R. A. Long Square. As is typical of urban areas, the indirect impacts study area includes a wide range of industrial, residential, commercial, recreation, and public facility land uses. Development patterns throughout the indirect impacts study area generally consist of areas dominated by a single land use (e.g., residential neighborhoods and commercial shopping centers), except for limited mixed-use development in downtown Longview and Kelso.

Major road corridors through the indirect impacts study area include Ocean Beach Highway (State Route 4) and Industrial Way (east-west) and Interstate 5 (I-5), SR 433, and SR 411 (north-south) through Longview and Kelso, along with U.S. Highway 30 in Rainier (east-west). Another prominent transportation use in the indirect impacts study area is BNSF and the Columbia & Cowlitz Railway. The BNSF tracks generally run along the Columbia and Cowlitz Rivers, with spurs serving downtown Longview and the industrial areas along the Columbia River, including the project area. The Columbia & Cowlitz Railway, operated by Patriot Rail, connects and exchanges traffic with the BNSF tracks along Industrial Way and runs north and east through Longview parallel to 33rd Avenue and Ocean Beach Highway. These railways consist of active freight rail traffic including shipments of alumina and coal, as well as lumber, metals, liquefied petroleum gas, and steel and petroleum products (Patriot Rail 2014). In addition, the Columbia River provides a key marine transportation link serving the indirect impacts study area. According to Ecology Vessel Entry and Transit data, the river accommodated approximately 1,457 cargo and passenger vessels, tank ships, and articulated tug barge vessel calls in 2013 (Washington State Department of Ecology 2014c). Historically, the Columbia River has supported even higher levels of ship traffic; in 1999, the peak traffic year for the Columbia River, there were 2,269 vessels calls, including 2,052 cargo and passenger vessels and 217 tank ships and articulated tug barges (Washington State Department of Ecology 2014c). Furthermore, according to data from the Columbia River Bar Pilots, who sometimes move vessels that are not required to be reported in the data captured for the Vessel Entry and Transit database, the river supported an annual average of approximately 2,000 vessel calls per year from 1979 to 2000 and a historic high traffic level of 2,376 vessel calls in 1979 (ICF 2017g). Overall, the integrated network of road, rail, and marine transportation in the indirect impacts study area has facilitated the area's development as an industrial and commercial hub along the Columbia River.

There is a wide corridor of industrial and transportation/utility land uses along the Columbia River in the indirect impacts study area. This corridor includes the project area and the direct impacts study area discussed above. The 550-acre Weyerhaeuser Company lumber products manufacturing site/North Pacific Paper Corporation facility is located upstream (southeast) of the project area along the Columbia River. This manufacturing facility produces liquid packaging board, newsprint, and other specialty papers and it provides open-air storage of lumber (Weyerhaeuser 2014a, 2014b). Further upstream from the project area is the Port of Longview's 478-acre Port Industrial Marine property, which includes eight marine terminals equipped to handle commodities such as bulk goods, forest products, wind energy products, steel, and heavy-lift cargo, as well as associated staging and storage areas and water treatment facilities (Port of Longview 2011a). The Port also operates a warehouse complex and storage area on the Port Industrial Marine property.

The Mint Farm Industrial Park, a partially developed 445-acre industrial site operated as a public-private partnership between the City of Longview and the Weyerhaeuser Real Estate Development Company, is located across Industrial Way from a portion of the Applicant's 540-acre leased area and the Weyerhaeuser facility. Current tenants include Epson Toyocom (manufacturer of quartz devices), Flexible Foam Products (manufacturer of polyurethane foam and carpet cushion),

Northwest Renewables LLC (a proposed biomass energy facility), and the Mint Farm Energy Center (a natural gas energy plant) (The Mint Farm 2014). Development and tenancy of the Mint Farm Industrial Park are ongoing and additional industrial tenants may locate there in the future. The industrial park also includes open-space areas set aside for stormwater management and wetland mitigation.

The Barlow Point property, an undeveloped area downstream (west) of the project area along the Columbia River and within Longview, was recently purchased by the Port for future port improvements (Port of Longview 2011a). The Mount Solo landfill, a closed landfill under WAC 173-304 regulations, is located adjacent to the Port's Barlow Point property to the north (EMCON Northwest 1992). Further downstream (northwest) from Barlow Point, the indirect impacts study area contains large-lot residential and agricultural land uses south of Industrial Way, the Longview Memorial Park Cemetery and small single-family housing subdivisions north of Industrial Way, and the undeveloped Willow Grove property just outside of the indirect impacts study area to the northwest. The Willow Grove property is used for wetlands preservation and mitigation and most of it was sold recently by the Port to the Columbia Land Trust. The Port retained approximately 76 acres of Willow Grove for anticipated future mitigation needs.

Aside from the two residences located adjacent to the project area, other nearby residential uses include several single-family residences on Mount Solo, a steep hill near the project area, approximately 0.5 mile north of the project area. More densely developed residential areas are located at least 1 mile away from the project area to the north and east in Longview and across the Cowlitz River in the City of Kelso. Nearby residential neighborhoods include Memorial Park, Mint Valley, Columbia Valley Garden, West Longview, Olympic West, St. Helens, and Highlands (City of Longview 2014a). Residential uses in the indirect impacts study area consist primarily of low-density, single-family, detached houses. Higher-density residential uses, such as two- and three-story apartment buildings, exist along Ocean Beach Highway and in downtown Longview between 7th Avenue and 11th Avenue.

Commercial uses in the indirect impacts study area include retail, office, and storage uses concentrated along Ocean Beach Highway and in downtown Longview and Kelso. In Longview, commercial uses along Ocean Beach Highway include storage facilities, restaurants, and large-format retailers such as Walmart and Fred Meyer. Commercial uses in downtown Longview are located primarily in the area bounded by Ocean Beach Highway, 11th Avenue, Tennant Way, and 15th Avenue. Most of the commercial uses in this area are located along auto-oriented corridors, although there is a concentration of mixed-use, ground-floor commercial with residential use above along Commerce Avenue.

Development in Kelso is concentrated primarily between the Cowlitz River and I-5. Land use patterns are characterized by commercial uses along Ocean Beach Highway. Residential uses exist further north and south of the corridor, and a mix of industrial, commercial, and undeveloped land uses in the southern portion of the City of Longview near the confluence of the Cowlitz and Columbia rivers. The biggest commercial use is the Three Rivers Mall near I-5 and Ocean Beach Highway. As in Longview, residential uses in Kelso are predominantly low-density, single-family, detached dwellings.

As shown in Figure 4, the indirect impacts study area extends well beyond the project area and the downtown cores of Longview and Kelso. To the north, the outer portions of the indirect impacts study area encompass suburban and exurban areas with scattered residential development

interspersed among forested areas. Residential development is generally denser, closer to the Cowlitz River. West Side Highway, a census-designated place characterized by relatively dense development of single-family detached houses, occupies the northernmost portion of the indirect impacts study area along the Cowlitz River.

The Lewis and Clark Bridge (SR 433) spans the Columbia River upstream from the project area and provides access to Rainier, Oregon. This portion of the study area is approximately 2 to 5 miles from the project area; it is characterized by industrial and open-storage uses along the Columbia River, low-density residential and commercial development within Rainier, agricultural uses, and undeveloped and forested land. In general, commercial uses in Rainier exist along Oregon's Highway 30, and residential uses are located on steeply sloped streets south of the commercial corridor.

The project area and indirect impacts study area fall within the Washington Department of Fish and Wildlife Mount Saint Helens Wildlife Area. The nearest wildlife unit is the Fisher Island unit, which is located approximately 3 miles downstream from the project area. This 257-acre wildlife unit is maintained as forested floodplain (Washington Department of Fish and Wildlife 2014).

A variety of public facility uses serve the indirect impacts study area, including schools, police and fire facilities, libraries, community centers, health care facilities, and government facilities. Table 2 and Figure 5 identify the locations of the major public facilities in the indirect impacts study area. As shown, several public facility uses are centered on R.A. Long Square, which comprises the Longview's civic center.

Table 2. Public Facility Uses in the Indirect Impacts Study Area

Map No.	Name	Address	City	Type
1	Public Library	351 Three Rivers Mall Drive	Kelso	Library
2	Police Department	203 S Pacific Avenue	Kelso	Police
3	Community Development	203 S Pacific Avenue	Kelso	Government
4	Water and Sewer Department	203 S Pacific Avenue	Kelso	Government
5	Cowlitz Fire Station 2	701 Vine Street	Kelso	Fire Department
6	Southwest Regional Airport	2215 Parrot Way	Kelso	Airport
7	Public Works Department	2300 Parrot Way	Kelso	Utilities
8	City Hall	1525 Broadway Street	Longview	Government
9	Street, Traffic, Transit, and Fleet Divisions	254 Oregon Way	Longview	Transportation
10	Transit Center	1135 12th Avenue	Longview	Transportation
11	Regional Water Treatment Plant	101 Fishers Lane	Longview	Utilities
12	Water and Sewer Operations	1460 Industrial Way	Longview	Government
13	Police Department	1351 Hudson Street	Longview	Police
14	Longview Public Library	1600 Louisiana Street	Longview	Library
15	Cowlitz Fire Station 81	740 Commerce Avenue	Longview	Fire Department
16	Parks Division	706 30th Avenue	Longview	Government
17	Recreation Office	2920 Douglas Street	Longview	Government

Map No.	Name	Address	City	Type
18	Mint Valley Golf Course and Facilities Maintenance	4002 Pennsylvania Street	Longview	Recreation
19	Mint Valley Racquet and Fitness Complex	4004 Pennsylvania Street	Longview	Recreation
20	Highlands Police Office	216 30th Avenue	Longview	Police
21	Cowlitz Fire Station 82	2355 38th Avenue	Longview	Fire Department
22	Columbia Theater	1231 Vandercook Way	Longview	Entertainment
23	Senior Center	1111 Commerce Avenue	Longview	Community Center
24	McClelland Arts Center	951 Delaware Street	Longview	Entertainment
25	Women's' Club	835 21st Avenue	Longview	Recreation
26	Elks Memorial Building	2121 Kessler Blvd	Longview	Community Center
27	Cowlitz County District Court	310 1st Avenue	Kelso	Government
28	St. Helens Elementary	4371 27th Avenue	Longview	Education
29	Memorial Stadium	28th Avenue	Longview	Recreation
30	R.A. Long Senior High School	2903 Nichols Blvd.	Longview	Education
31	Monticello Middle School	1225 28th Ave	Longview	Education
32	Kelso High School	1904 Allen Street	Kelso	Education
33	Cascade Middle School	2821 Parkview Drive	Longview	Education
34	Columbia Heights Elementary	2820 Parkview Drive	Longview	Education
35	North Lake Elementary	2210 Olympia Way	Longview	Education
36	Columbia Valley Garden Elementary	2644 30th Avenue	Longview	Education
37	Kessler Elementary	1902 East Kessler	Longview	Education
38	Mint Valley Elementary	2745 38th Ave	Longview	Education
39	Robert Gray Elementary	4622 Ohio Street	Longview	Education
40	Olympic Elementary	1324 30th Ave	Longview	Education
41	Mount Solo Middle School	5300 Mount Solo Road	Longview	Education
42	Mark Morris High School	1602 Mark Morris Court	Longview	Education
43	Post Office	1603 Larch Street	Longview	Government
44	St. John Medical Center	1615 Delaware Street	Longview	Healthcare
45	Cowlitz Free Medical Clinic	1230 7th Avenue	Longview	Healthcare
46	Senior Center	106 NW 8th Avenue	Kelso	Recreation
47	Barnes Elementary	401 Barnes Street	Kelso	Education
48	Huntington Middle School	500 Redpath Street	Kelso	Education
49	Butler Acres Elementary	1609 Burcham Street	Kelso	Education
50	Caitlin Elementary	404 Long Street	Kelso	Education
51	Wallace Elementary	410 Elm Street	Kelso	Education
52	Carrolls Elementary	3902 Old Pacific Highway	Kelso	Education
53	Rose Valley Elementary	1502 Rose Valley Road	Kelso	Education

Map No.	Name	Address	City	Type
54	Coweeman Middle School	2000 Allen Street	Kelso	Education
55	Cowlitz County Health and Human Services	900 Ocean Beach Highway	Longview	Healthcare
56	City Hall/ Library/Utilities/ Court/ Police Department	106 West B Street	Rainier	Government
57	Post Office	207 West A Street	Rainier	Government
58	Hudson Park Elementary	28176 Old Rainier Road	Rainier	Education
59	North Columbia Academy	28168 Old Rainier Road	Rainier	Education
60	Rainier Junior/Senior High School	28170 Old Rainier Road	Rainier	Education
61	Columbia River Fire & Rescue	211 West 2nd Street	Rainier	Fire Department

2.2.1.3 Parks and Recreation Study Area

There are no parks and recreation facilities on the project area or within the 0.5-mile study area. However, the Columbia River is used for boating, fishing, and other forms of water-related recreation. The 146-mile-long Lower Columbia River Water Trail, which extends from Bonneville Dam to the mouth of the Columbia River, passes by the project area. Recreational boaters must share the river with a variety of commercial vessels, including oceangoing cargo ships.

The nearest parks are Roy Morse Park, located 1 mile north of the project area; Mint Valley Golf Course, located 1 mile northeast of the project area; and a primitive campsite (i.e., a campsite with no support facilities) on Lord Island 0.8 mile south of the project area (Lower Columbia Estuary Partnership 2014) (Figure 6). In addition, a portion of Dike Road to the northwest of the project area has been identified as a potential trail in Cowlitz Regional Trails Plan (Cowlitz Wahkiakum Council of Governments 2006).

Figure 5. Public Facilities

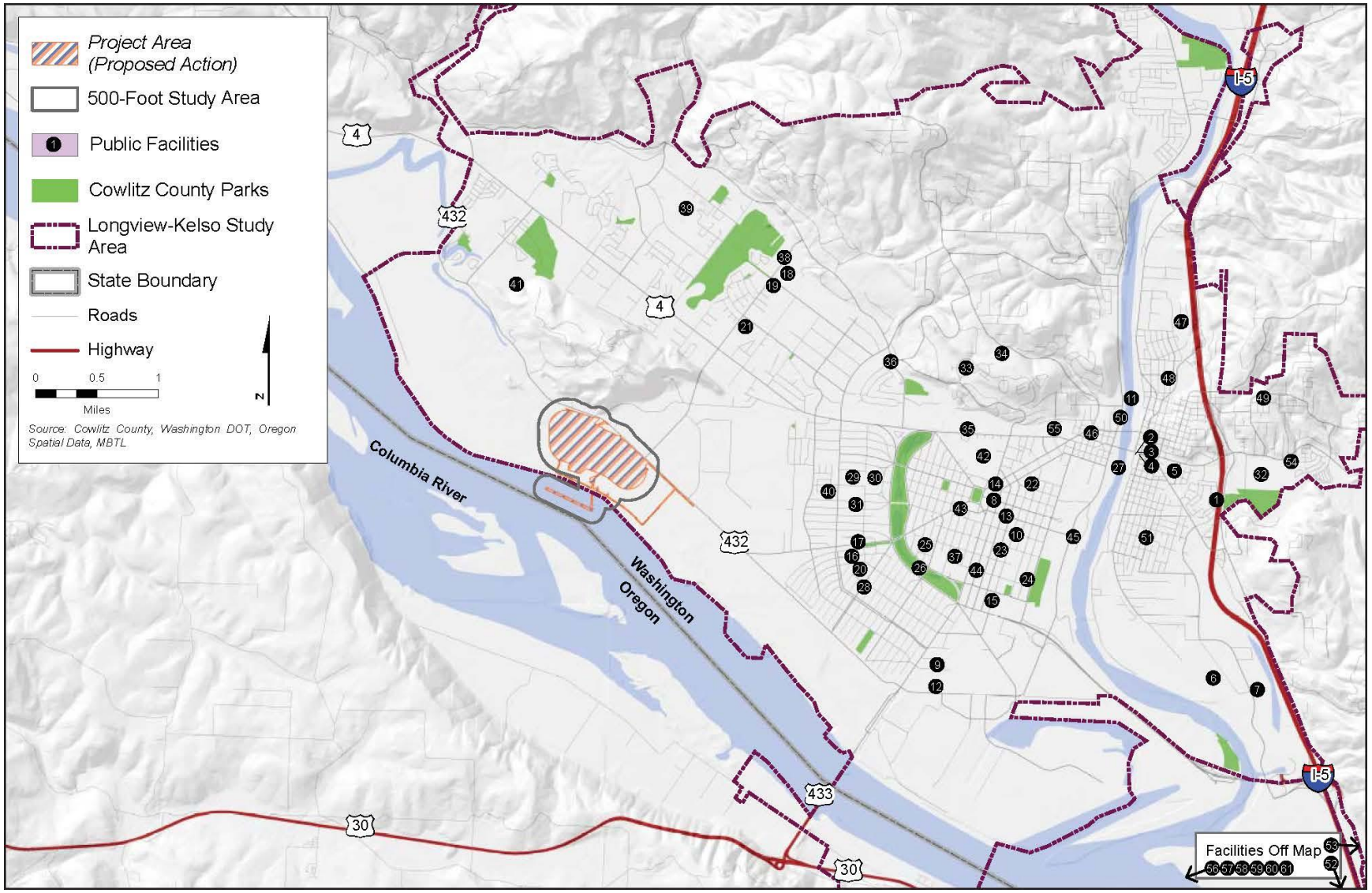
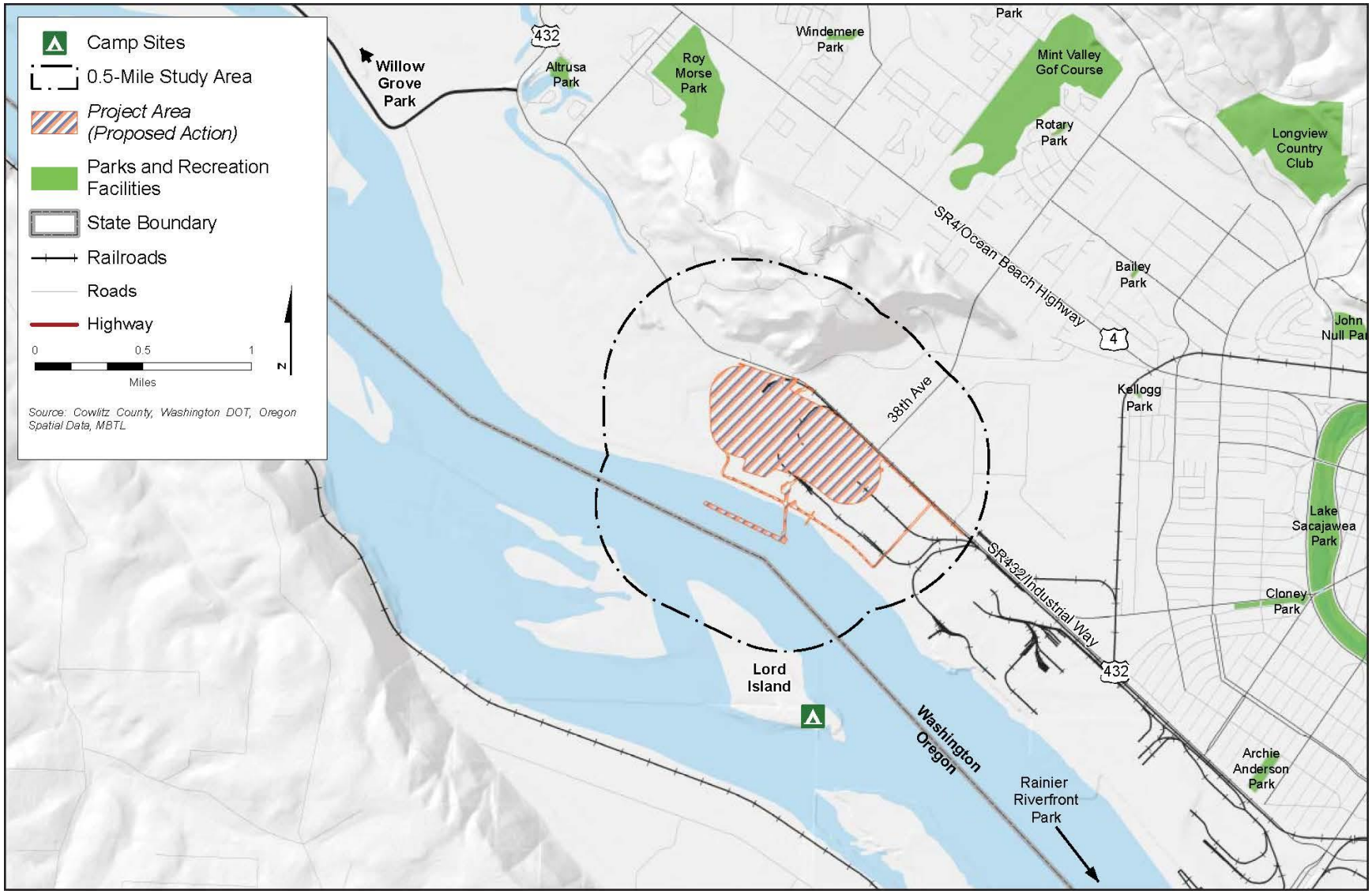


Figure 6. Parks and Recreation Facilities



Roy Morse Park is a 60-acre sports complex owned by the City of Longview containing baseball, softball, and soccer fields; basketball courts; picnic areas; playground equipment; seasonal restrooms; and parking lots (City of Longview 2014c). Mint Valley Golf Course is a public golf course also owned by the City of Longview.[2]

The nearest boat launches are located at Rainier Riverfront Park across the Columbia River in Rainier, Oregon, approximately 4 miles upstream of the project area, and at Willow Grove Boat Launch, located on the Washington side of the river, approximately 4 miles downstream of the project area. Rainier Riverfront Park is owned by the City of Rainier and includes a boat launch, restrooms, baseball field, basketball and tennis courts, a skateboard park, and playground equipment. The Willow Grove boat launch is located in Willow Grove Park, which is owned by the Port and is open daily from 5:00 a.m. to 10:00 p.m. year-round (Cowlitz County 2014c). In addition to the boat launch, Willow Grove Park includes an asphalt walking trail, riverfront beach, large parking lot, picnic areas, seating, bathrooms, lawn areas, and playground equipment.

2.2.1.4 Agricultural Land Study Area

As discussed above, the study area for agricultural land uses is the project area and the area within 500 feet of the project area. According to Ecology Farm Soil Maps, the entire project area and study area, except for the levees along the Columbia River and slopes on Mount Solo, contain soils designated as "prime farmland," "prime farmland if drained," and "prime farmland if irrigated" (Washington State Department of Ecology 2008). However, as noted above, these areas contain predominantly industrial uses and there are no agricultural land uses within the project area or the study area.

2.2.2 Zoning

The project area is located in an unincorporated portion of the County; therefore, it is subject to CCC. County zoning regulations are established in the Land Use and Development Code (CCC 18.10). The zoning regulations establish permitted uses, various building and lot dimensional standards, and other requirements for development on parcels throughout the county. The zoning regulations are the principal tool for implementing the goals and policies of the *Cowlitz County Comprehensive Plan*.

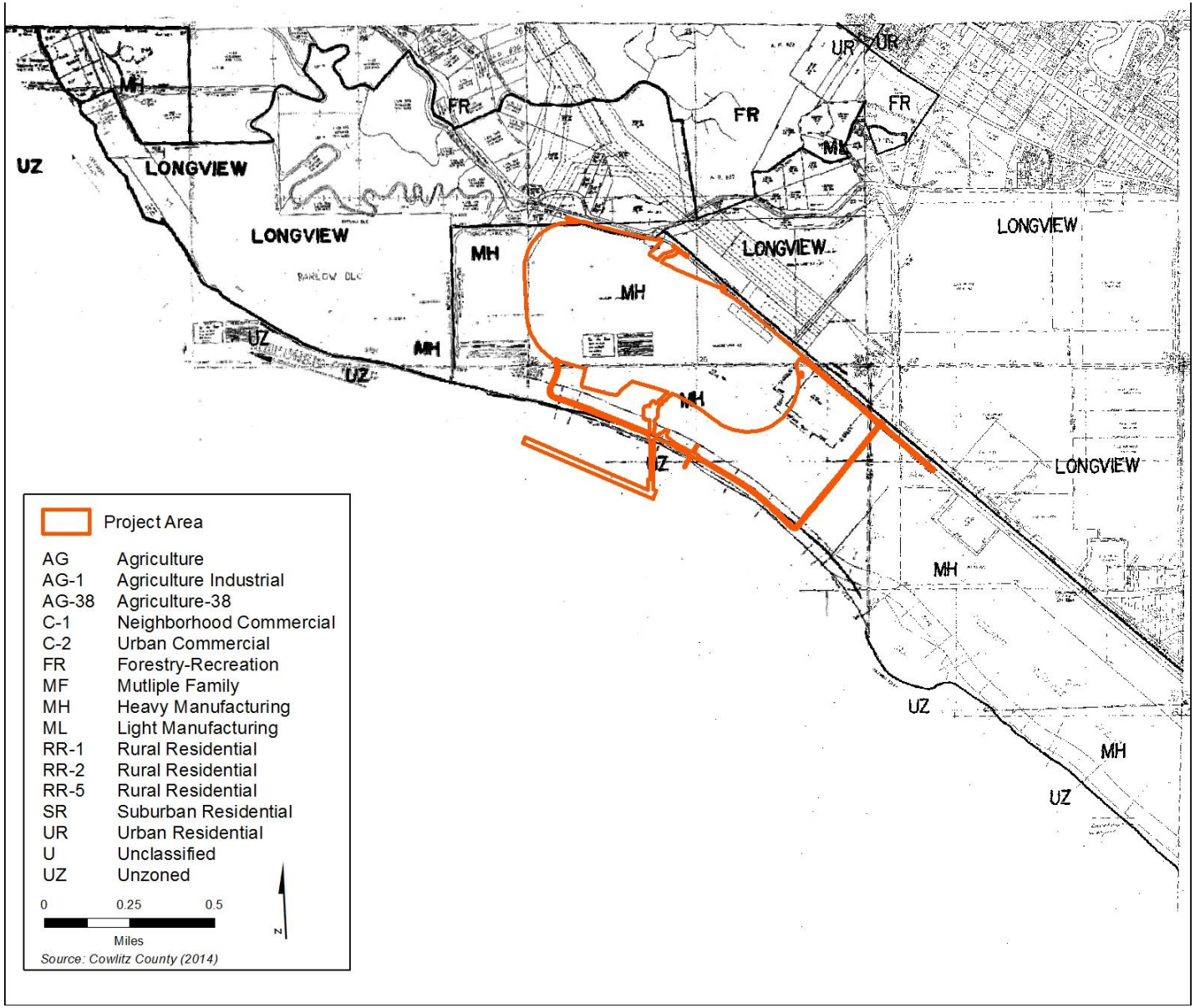
The following sections discuss the zoning regulations pertaining to the direct impacts study area.

2.2.2.1 Direct Impacts Study Area

The project area is zoned Heavy Manufacturing, as shown in Figure 7.

[2] For additional public parks within the City of Longview area, see the Aesthetics, Light, and Glare Technical Report (ICF 2017h), which identifies public parks within approximately 3 miles of the project area.

Figure 7. Cowlitz County Zoning Map



Per CCC Chapter 18.10.235, the purpose of the Heavy Manufacturing zone is as follows.

> The purpose of this zoning classification is to allow heavy industrial uses or structures where the primary use involves fabrication, manufacturing, assembly, processing and distribution of raw materials, primarily serving nonlocal wholesale and retail markets. Heavy industrial uses may generate some noise, smoke, dust, odors, toxic gases, vibration, glare, heat and other environmental pollutants in conformance with applicable regulations and must be tolerated, to the benefit of the economy and general welfare of the county. Heavy industrial uses are dependent upon rail, water or arterial access to the interstate highway system.

The permitted uses in the Heavy Manufacturing zone are identified in CCC 18.10.236 and include "[s]torage and distribution of petroleum, propane, liquefied gas, coal, and wood." Minimum standards regarding lot area, setbacks, and lot coverage have not been established for Heavy Manufacturing zones, except for rear and side yard setback requirements for buildings exceeding 35 feet in height.

Unincorporated areas of Cowlitz County are subject to the zoning provisions of CCC 18.10. Areas in Longview are subject to the zoning established by LMC 19.

The zoning designations for parcels within the direct impacts study area are provided in Appendix A, *Properties and Land Use in the Study Area*, Table A-1. The City of Longview zones these parcels as Heavy Industrial and Mixed Use – Commercial/Industrial (City of Longview 2014b). In addition to the Heavy Industrial and Mixed Use – Commercial/Industrial -zoned parcels, the area also includes state-owned right-of-way associated with SR 432/Industrial Way.

LMC 19 states the Heavy Industrial zone is "intended for industrial uses that tend to involve processing of natural and manmade materials into finished goods for sale, and may take place in interior and/or exterior settings. Uses in this district may require some handling of hazardous or flammable materials, may require outdoor storage, and may create some external emissions of noise, odor, glare, vibration, etc., but these are largely contained on-site." LMC 19 states that the Mixed Use – Commercial/Industrial zone is "intended to allow low intensity industrial uses, including light manufacturing, warehousing and distribution, research and development, and regional commercial services. Commercial uses should be compatible to and complement low-intensity industrial uses and provide a convenient business environment for employees and visitors. High quality employment facilities are encouraged, such as corporate office headquarters and technology centers."

LMC 19.58.030 also establishes dimensional standards for the Heavy Industrial and Mixed Use – Commercial/Industrial zoning districts. These standards establish minimum lot size, frontage, and setbacks, and maximum building heights and maximum impervious area of the lot. In particular, the standards for both districts permit a maximum building height of 60 feet (no more than six stories) and a maximum impervious area of 85%.

2.2.3 Land Use Plans and Public Policies

Development in the project area and surrounding study areas is guided by a variety of land use plans and public policies, which include comprehensive plans, shoreline management master programs, transportation plans, critical area regulations, and other specific plans.

The following land use plans and public policies apply to the project area and surrounding area.

2.2.3.1 Cowlitz County Comprehensive Plan

According to the Washington State Growth Management Act (GMA), counties and cities meeting specific population and growth criteria are required to prepare comprehensive plans in accordance with GMA goals. Cowlitz County is not required to fully plan under the GMA, but counties not fully planning under the GMA are still required to prepare a comprehensive plan with elements defined in Revised Code of Washington (RCW) 36.70.330. The County adopted its comprehensive plan in 1976, updated it in 1981, and is currently updating the plan.

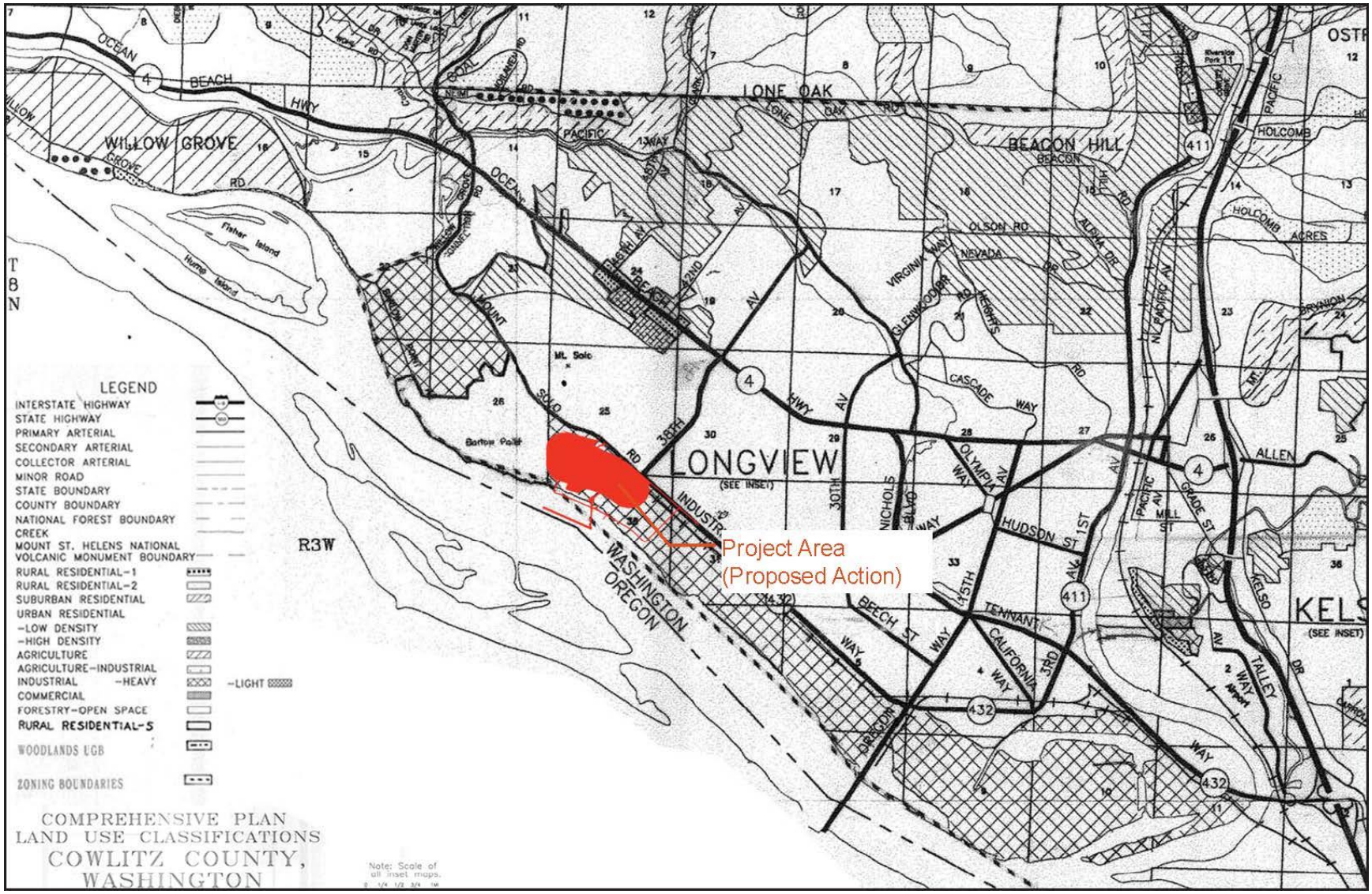
The County's current comprehensive plan designates the project area as Heavy Industrial (Cowlitz County 1976) (Figure 8). The plan states that the purpose of the industrial classification is to "assure the presence of adequate amounts of land for industrial growth in the County." Appropriate uses in the Heavy Industrial designation include lumber and plywood mills, metal manufacturing, sand and gravel operations, foundry or iron works, quarries, agriculture, nonresidential commercial, and forest management and processing (Cowlitz County 1976). Power substations and generating facilities are subject to special use approval, and all residential uses are discouraged.

The County's current comprehensive plan articulates eight goals, each with supporting policies, to further the overall goals of the comprehensive plan and the Heavy Industrial designation.

> Goal A: Provide for adequate land to accommodate a moderate level of economic growth in Cowlitz County.
>
> Goal B: Encourage development of the necessary supporting services and facilities to support a moderate level of industrial growth consistent with the respective general service and facility plans for the area.
>
> Goal C: Encourage industrial development that will maintain or enhance the county's environment. Industries requiring shoreline locations should be developed consistent with the Shorelines Management section of this plan.
>
> Goal D: Industrial development should be encouraged to locate in areas where environmental constraints relating to soils, slopes, geology, and drainage are minor.
>
> Goal E: Industrial development should be located near existing industrial activities so that special facilities and services required to support industrial activities can be more effectively and efficiently provided, thereby minimizing private and public costs.
>
> Goal F: Encourage industrial diversifications so that the County's economy is less vulnerable to the cyclical fluctuations of one or two dominant industries.
>
> Goal G: The location of new industrial activities in prime agriculture areas should be avoided.
>
> Goal H: Industrial growth in shoreland areas of the County should be planned so that unique recreation and environmental features common to these areas are protected.

The draft Comprehensive Plan designates the project area as Economic Resource Lands—Industrial (Cowlitz County 2016b).

Figure 8. Cowlitz County Comprehensive Plan Map



A section of the County's current comprehensive plan lists policies and goals related to shoreline management. These are the same goals articulated in the Cowlitz County Shoreline Management Master Program (SMP), and are discussed in the section below.

2.2.3.2 Cowlitz County Shorelines Management Master Program

The Shoreline Management Act (SMA) applies to all counties and cities that have "shorelines of the state," as defined in RCW 90.58.030. The SMA requires that these jurisdictions prepare and adopt shoreline master programs that protect natural resources along regulated shorelines and give priority and preference to public access and water-oriented uses within shoreline environments. Each jurisdiction with shorelines of the state must establish shoreline "environment designations" based on physical, biological, and developmental characteristics (Washington State Department of Ecology 2014b). The current Cowlitz County SMP was approved in 1977 and includes four basic shoreline environment designations: natural, conservancy, rural, and urban.

The Columbia River, which borders the project area to the south, is a shoreline of statewide significance. The areas of the project area under shoreline jurisdiction include the Columbia River and all areas within 200 feet of the ordinary high water mark (OHWM). The Cowlitz County SMP designates the shoreline environment at the project area as urban, making it suitable for intensive recreation, residential, industrial, and commercial development (Cowlitz County 1977:22) (Figure 9). The objective of the urban designation is to identify those defined areas that are currently in and potentially capable of such use to satisfy the socioeconomic needs of the present and future population of the County. Figure 10 shows the regulated shoreline jurisdiction within the project area.

The Cowlitz County SMP establishes use regulations for 21 shoreline use activities. These use regulations supplement other land use regulations and speak to the shoreline management issues that must be addressed to implement the goals of the SMP. According to these regulations, ports and water-related industries are permitted uses in urban shorelines. The SMP also includes use activity regulations for construction and operations, commercial development (which also applies to industrial development), roads and railroads, and shoreline works and structures.

To achieve the overall goals of the SMA, the Cowlitz County SMP also outlines a series of specific goals related to circulation, conservation, economic development, historical/cultural, recreation, residential, public access, and shoreline uses. Policies related to ports and water-related industries are identified under the economic development goal of the SMP. The SMP also includes policies related to dredging, shoreline protection works, and piers.

The Cowlitz County SMP is implemented by CCC 19.20, which identifies the submittal requirements and approval process for proposed development activities in a designated shoreline.

Cowlitz County's SMP is undergoing a comprehensive update to meet the requirements of the revised 2003 and 2011 Shoreline Master Program Guidelines based on WAC 173-26. The guidelines set minimum procedural and substantive standards for local governments updating their programs. Updated SMPs are required to account for advancements in science and shoreline management practices and to align with current environmental and land-use laws such as the GMA and critical area ordinances.

Figure 9. Cowlitz County 1977 Shorelines Designation Map

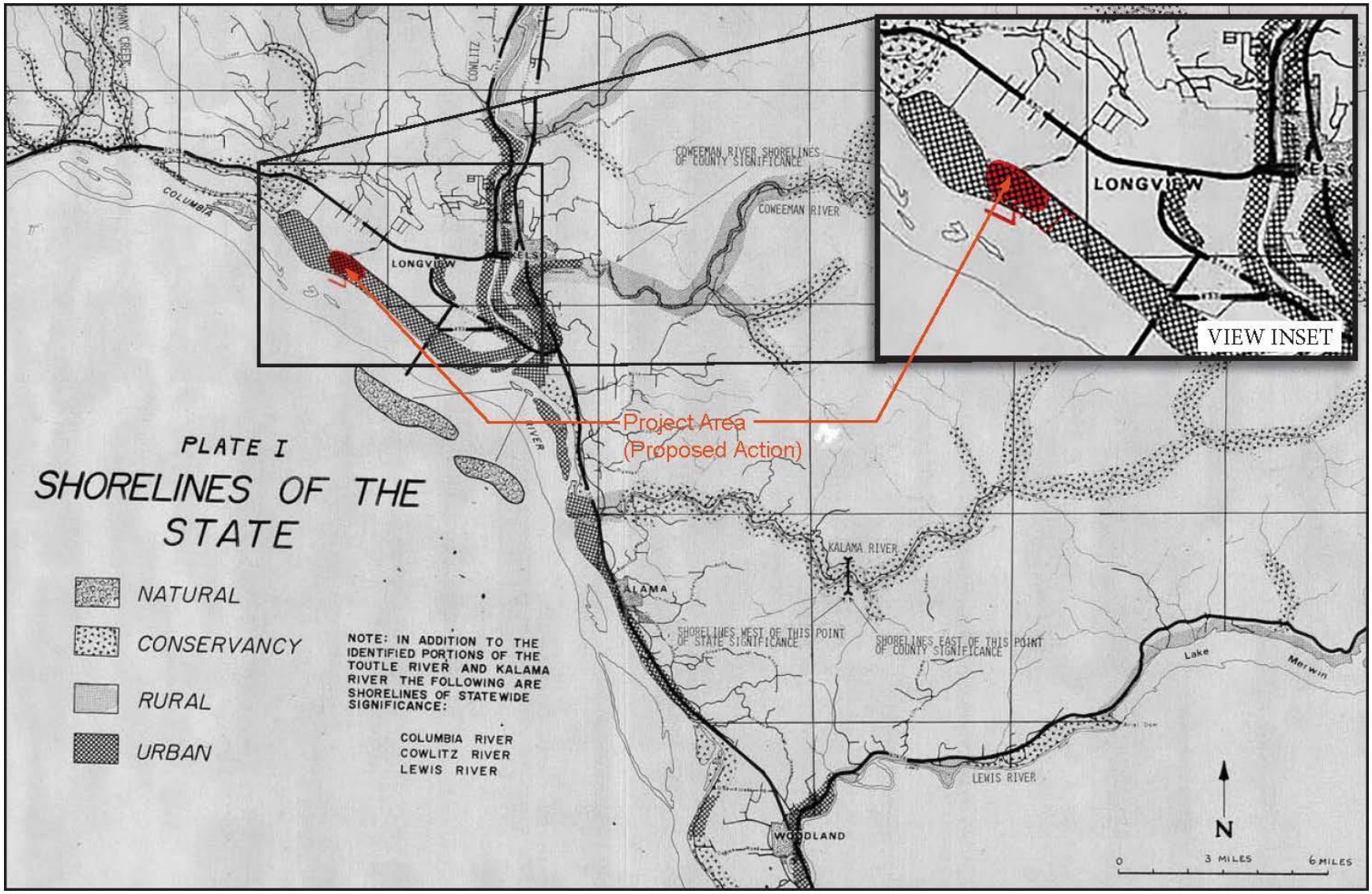
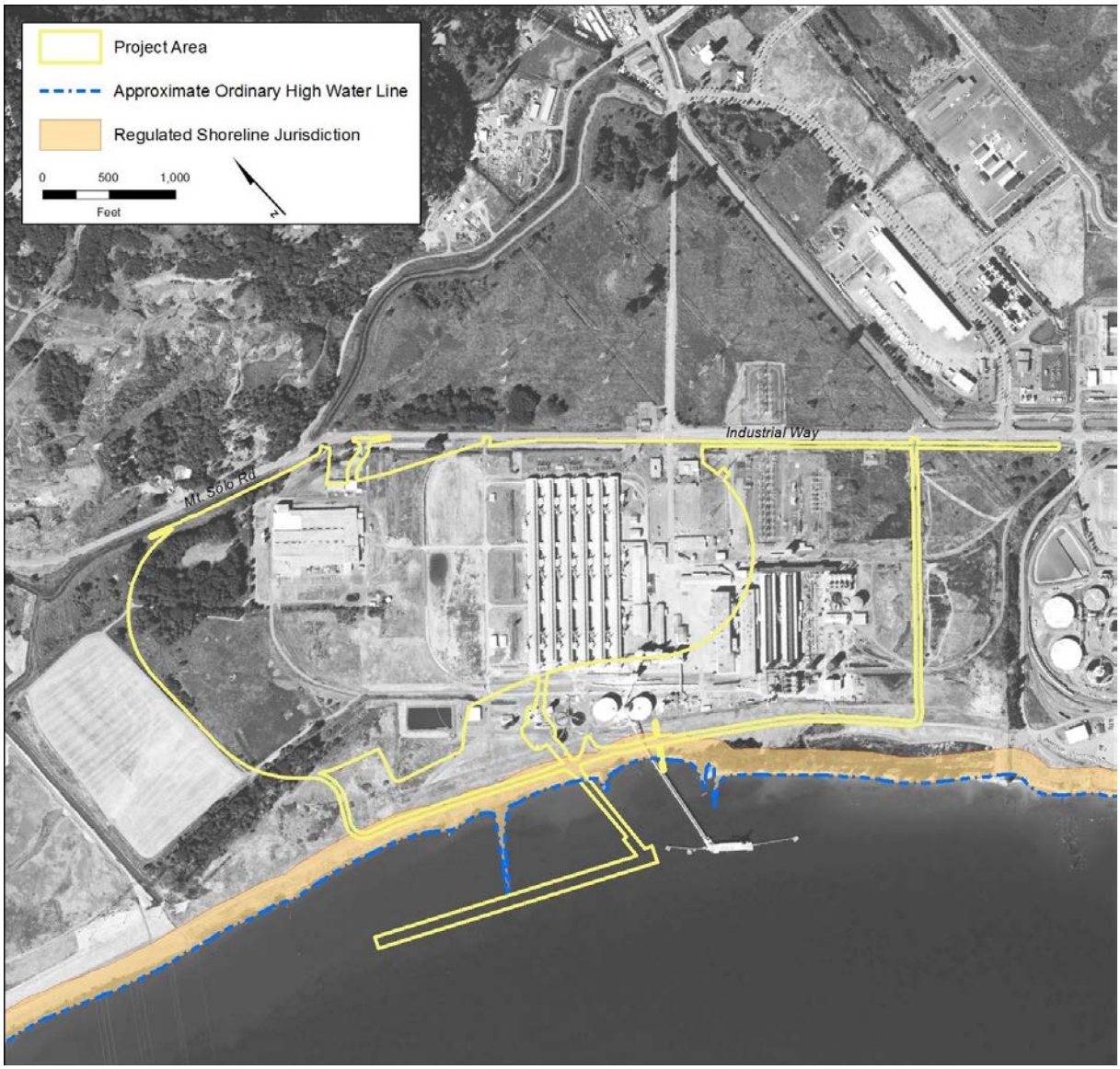


Figure 10. Regulated Shoreline Jurisdiction



They are also required to plan for preferred uses following a required order of preference that prioritizes uses that protect and restore ecological functions or are water-dependent or water-related. The guidelines also direct that SMPs include policies and regulations to achieve "no net loss of shoreline ecological functions" and plan for shoreline restoration to provide overall improvements in shoreline ecological function over time.

The draft updated SMP shoreline maps designate the shoreline environment at the project area as High Intensity and Aquatic (Cowlitz County 2016b). The draft updated SMP is subject to review and approval by Ecology and adoption by the Board of Commissioners.

2.2.3.3 Cowlitz County Critical Areas Protection

CCC 19.15, the Cowlitz County Critical Areas Ordinance (CAO), provides protection for designated critical areas. As mandated by the GMA (RCW 36.70A.060), the County is required to develop and

adopt a critical areas protection ordinance that designates critical areas in the County and sets out development regulations to ensure their protection. The ordinance must classify, designate, and protect critical areas, which include critical aquifer recharge areas, frequently flooded areas, geological hazard areas, wetland areas, and fish and wildlife habitat conservation areas. The critical areas identified on the upland portions of the project area include geologic hazard areas, critical aquifer recharge areas, and wetlands (URS Corporation 2014a). Frequently flooded areas and fish or wildlife habitat conservation areas are found along the shoreline of and within the Columbia River.

Chapter 3
Impacts

This chapter describes the impacts on land and shoreline use that would result from construction and operation of the Proposed Action or the ongoing activities of the No-Action Alternative.

3.1 Proposed Action

Overall, the Proposed Action would affect the land use of the project area by redeveloping it with a coal export terminal that would include a rail loop system and rail unloading facilities, coal handling and stockpile areas, and shiploading facilities (including two new docks in the Columbia River). Construction activities associated with the Proposed Action would also affect land and shoreline use. These activities would include building demolition, site preparation (e.g., clearing, grading, and earthwork), ground preloading in preparation for coal stockpiles, equipment installation, rail loop construction, and dredging and in-water construction.

The following sections describe the potential land use impacts attributable to the construction and operation of the Proposed Action.

3.1.1 Construction: Direct Impacts

Construction of the Proposed Action would not result in direct impacts on land use because the project area is currently an industrial use and would remain an industrial use upon completion of construction activities.

3.1.2 Construction: Indirect Impacts

Construction of the Proposed Action would not result in indirect impacts on land and shoreline use because it would be limited to the project area and construction activities would not affect land and shoreline use outside the project area.

3.1.3 Operations: Direct Impacts

As noted above, the study area for direct impacts has been defined as the project area and the area within 500 feet of it. The following direct impacts on land use may result from the operation of the Proposed Action.

3.1.3.1 Land and Shoreline Uses

Modify Existing Land and Shoreline Uses on the Project Area

The Proposed Action would modify existing land use in the project area by replacing the existing industrial uses with a new export terminal. The export terminal would include a rail loop system and rail unloading facilities, coal handling and stockpile areas, shiploading facilities (including two new docks in the Columbia River), and associated rail and coal handling facilities. The Proposed Action would be a more intensive industrial use of the project area than under existing

conditions. However, because the project area and surrounding area already contain industrial uses, the Proposed Action would not change the land use of the project area substantially. As discussed above, land use within the direct impacts study area is already characterized by the presence of many industrial and transportation/utility land uses. The Proposed Action would be consistent with these industrial and transportation/utility land uses, including the existing bulk products terminal that would continue to operate within the 540-acre Applicant's leased area, as well as the Weyerhaeuser facility, the Port Industrial Marine property, and the Mint Farm Industrial Park located just outside the direct impacts study area. Although the Proposed Action would increase activity on the project area compared to existing conditions, employment activity with the Proposed Action would be similar to historical employment on the project area.

As a result of the change in land and shoreline use in the project area, surrounding uses and the Columbia River may experience other impacts related to water quality, noise and vibration, coal dust, wake action on the shoreline, erosion, and vessel transportation. These potential impacts are addressed in the SEPA Water Quality Technical Report (ICF 2017c), SEPA Noise and Vibration Technical Report (ICF 2017e), SEPA Air Quality Technical Report (ICF 2017b), SEPA Geology and Soils Technical Report (ICF 2017f), SEPA Fish Technical Report (ICF 2017d), and SEPA Vessel Transportation Technical Report (ICF 2017g).

Introduce New, Intensive Industrial Use Near Residential Land Uses

Two single-family residences are located adjacent to the project area within the direct impacts study area. These uses currently coexist with existing industrial uses on the project area and nearby and, as noted above, are located in the City of Longview heavy industrial zoning district. Therefore, the Proposed Action would not affect the adjacent residential uses directly with respect to land use compatibility. Potential impacts on these residential uses related to noise, air quality, and transportation (i.e., vehicular and rail traffic) are discussed in the respective technical reports.

3.1.3.2 Parks and Recreation Facilities

The Proposed Action would not directly affect the continued use of the Columbia River for recreation purposes, nor would it have any impact on the Willow Grove and Rainier Riverfront Park boat launches. Therefore, the Proposed Action would not result in any direct impacts on parks and recreation facilities.

3.1.3.3 Agricultural Land

As discussed above, there are no agricultural land uses within the study area. Therefore, the Proposed Action would not result in any direct impacts on agricultural land uses.

3.1.4 Operations: Indirect Impacts

As discussed above, the study area for indirect impacts is the Longview-Kelso urban area and other nearby unincorporated areas of Cowlitz County.

The Proposed Action would be compatible with land use conditions in the indirect impacts study area and the existing concentration of industrial land uses along the Columbia River, in particular, with the Weyerhaeuser and Port facilities immediately upstream from the project area. Downstream from the project area, the closed BMP facility would separate the Proposed Action from the

currently undeveloped Barlow Point property. Furthermore, the Port may redevelop the Barlow Point property in the future, and such port-related land uses, which are expected to include a marine facility and other industrial activities as discussed in the Port's Comprehensive Scheme of Harbor Improvements, would be compatible with the Proposed Action land use. The large-lot residential and agricultural land uses downstream from Barlow Point are approximately 1 mile from the project area and would be separated from the project area by the Barlow Point property and the closed BMP facility. Therefore, the land use conditions in this area would not be impacted by the Proposed Action.

The Proposed Action would not affect land use conditions in the remainder of the indirect impacts study area. Most land uses outside the corridor of industrial and transportation/utility uses along the Columbia River are located at least 1 mile from the project area. Furthermore, the nearest residential uses to the north on Mount Solo (aside from the two residences adjacent to the project area) are located approximately 0.5 mile north of the project area and are buffered by dense vegetation on Mount Solo. Other residential neighborhoods to the north are buffered from the project area by Mount Solo. Land uses within the Rainier, Oregon portion of the study area would continue to be separated from the project area by the Columbia River. Thus, the Proposed Action would not affect land use conditions in the Rainier area.

Increased rail traffic from the Proposed Action would use existing rail infrastructure and would not affect current land use. The Proposed Action would also result in increased commercial ship traffic along the Columbia River but, as discussed above, the Columbia River is already used for marine transportation, and the additional ship traffic would not change this ongoing use.

As discussed in the SEPA Vessel Transportation Technical Report (ICF 2017g), the Proposed Action would result in approximately 840 vessel calls (1,680 transits) per year during full operation. This increase in vessel traffic and the potential impacts associated with it are discussed in detail in the SEPA Vessel Transportation Technical Report. The potential impacts from propeller wash and ship wakes are discussed in the SEPA Water Quality Technical Report (ICF 2017c) and the SEPA Fish Technical Report (ICF 2017e), respectively.

Overall, the development of the Proposed Action would not affect land use trends or conditions throughout the indirect impacts study area.

3.1.4.1 Parks and Recreation Facilities and Agricultural Land

The Proposed Action at full capacity would introduce approximately 70 additional ships per month (840 per year) to the Columbia River. Although the Proposed Action would add commercial ship traffic to the river, recreational users (such as those using the river for fishing or boating) currently must take account of commercial vessels, including large ocean-going ships. With the additional vessels, the Proposed Action would result in an approximate 46% increase over current river vessel traffic.[3] While this would be a substantial increase, the vessels would operate in the navigation channel except when arriving or departing the proposed docks under the assistance of tugs, and operations would be similar to current vessel traffic. Recreational boats are smaller and are not limited to using the navigation channel, and the Willow Grove and Rainier Riverfront Park boat launches are distant from the project area. Therefore, it is not expected that recreational boaters

[3] Based on 2014 large commercial vessel traffic in the Columbia River according to Bar Pilots records, which was 3,638 transits or 1,819 vessels. See Chapter 5, Section 5.4, *Vessel Transportation*, for additional information.

would be substantially affected by vessels and tugs using the proposed docks. The Proposed Action would not result in indirect impacts on parks and recreation facilities or on agricultural land.

3.1.5 Consistency with Zoning

The Proposed Action would be consistent with the stated purpose of the existing Heavy Manufacturing zoning designation and would comply with the currently permitted uses and associated development standards and requirements. The purpose of the existing Heavy Manufacturing zone is to allow heavy industrial uses, including those that are dependent on rail and water access. The Proposed Action would introduce a coal export terminal dependent on rail and marine transportation and thus would be consistent with the purpose of the Heavy Manufacturing zone. As discussed above, the "[s]torage and distribution of petroleum, propane, liquefied gas, coal, and wood" is a permitted use in Heavy Manufacturing zones (CCC 18.10.236). Therefore, the proposed coal export terminal would be a permitted use. Furthermore, minimum standards regarding lot area, setbacks, and lot coverage have not been established for Heavy Manufacturing zones, except for rear and side yard setback requirements for buildings exceeding 35 feet in height (CCC 18.10.501). The Proposed Action would comply with the limited rear and side yard setback requirements for any proposed structures exceeding 35 feet in height.

As the Proposed Action would not alter the existing zoning of the project area, it would continue to be consistent with zoning in the surrounding area, which includes the City of Longview's Heavy Industrial and Mixed Use – Commercial/Industrial districts within 500 feet of the project area. Overall, the Proposed Action would be consistent with existing zoning regulations.

3.1.6 Consistency with Land Use Plans and Public Policies

3.1.6.1 Cowlitz County Comprehensive Plan

As discussed above, the current *Cowlitz County Comprehensive Plan* designates the project area as Heavy Industrial. The purpose of this classification is to "assure the presence of adequate amounts of land for industrial growth in the County." The Proposed Action would maintain and expand the industrial use of the project area and would be consistent with the comprehensive plan designation. Furthermore, the currently effective, adopted comprehensive plan articulates several goals regarding industrial development that are applicable to the Proposed Action. The Proposed Action would be consistent with these goals, as analyzed below.

> **Goal A: Provide for adequate land to accommodate a moderate level of economic growth in Cowlitz County.** The project area is designated for heavy industrial use, and as such is part of the land designated by the County to fulfill this goal. Therefore, the Proposed Action would be supportive of Goal A.
>
> **Goal B: Encourage development of the necessary supporting services and facilities to support a moderate level of industrial growth consistent with the respective general service and facility plans for the area**. The Proposed Action would redevelop an existing industrial site and would add to an existing concentration of industrial uses. Therefore, the Proposed Action would be consistent with this goal.
>
> **Goal C: Encourage industrial development that will maintain or enhance the county's environment. Industries requiring shoreline locations should be developed consistent with the Shorelines Management section of this plan**. Consistent with the comprehensive plan policies related to this goal, the Applicant would be required to adhere to all federal, state, and local laws regarding pollution abatement and would seek to minimize nuisances related to

industrial activity by implementing best management practices to minimize and control fugitive dust emissions, noise, and stormwater runoff.

Goal D: Industrial development should be encouraged to locate in areas where environmental constraints relating to soils, slopes, geology, and drainage are minor. The Proposed Action would be located on an area that is currently developed with and designated for industrial uses. The Applicant's project design is intended to address any environmental constraints on the project area.

Goal E: Industrial development should be located near existing industrial activities so that special facilities and services required to support industrial activities can be more effectively and efficiently provided, thereby minimizing private and public costs. The Proposed Action would be located on an existing industrial site in close proximity to several other large industrial uses, including the Weyerhaeuser facility, the Mint Farm Industrial Park, and the Port. Furthermore, the project area is zoned for heavy industrial uses and designated as Heavy Industrial in the County's comprehensive plan.

Goal F: Encourage industrial diversifications so that the County's economy is less vulnerable to the cyclical fluctuations of one or two dominant industries. The Proposed Action would introduce a major new bulk commodity export terminal to the County, which would bring new economic activity to an existing underutilized industrial site.

Goal G: The location of new industrial activities in prime agriculture areas should be avoided. The Proposed Action would be located on an existing industrial site designated for industrial use. There are no active agricultural uses on the project area or within 500 feet of the project area.

Goal H: Industrial growth in shoreland areas of the County should be planned so that unique recreation and environmental features common to these areas are protected. The policies pertaining to this goal identify four specific shoreline areas that require special planning. These areas are Cottonwood Island, the industrial area north of the mouth of the Kalama River, Austin Point near the confluence of the Columbia and Lewis Rivers, and a portion of the Woodland Bar north of Austin Point. The Proposed Action would not be located in any of these areas. Therefore, this goal does not apply to the Proposed Action.

Overall, the Proposed Action would be consistent with the *Cowlitz County Comprehensive Plan* because it would maintain and expand the industrial use of the project area and would be supportive of the plan's various policies related to industrial land uses.

The Proposed Action would also be consistent with the Economic Resource Lands – Industrial designation of the project area in the draft updated Cowlitz County Comprehensive Plan. By redeveloping an existing industrial site with a new, active industrial use, the Proposed Action would be supportive of the draft comprehensive plan goals to identify and protect industrial land.

3.1.6.2 Cowlitz County Shorelines Management Master Program

The Proposed Action would result in development within the shoreline area regulated by the County SMP. It designates the shoreline environment at the project area as urban, which includes areas suitable for intensive recreation, residential, industrial, and commercial development. The Proposed Action would be consistent with the objective of the urban designation. Furthermore, ports and water-related industries, such as the Proposed Action, are permitted uses on urban shorelines per the SMP.

Cowlitz County's SMP is undergoing a comprehensive update to meet the requirements of the revised 2003 and 2011 Shoreline Master Program Guidelines based on WAC 173-26. The proposed industrial use is a preferred use under the Shoreline Management Act as a water-dependent use.

Dredging and the installation of the new docks, which may occur under the Proposed Action, is a conditional use on urban shorelines. Therefore, new development on the project area would require a Site-Specific Development Plan (SSDP) from Cowlitz County for any new structures within the shoreline jurisdiction, and a Conditional Use Permit (CUP) from Cowlitz County for proposed dredging activities.

Specifically, the Proposed Action would dredge an estimated 500,000 cubic yards of material to provide access from the Columbia River navigation channel and berthing at Docks 2 and 3. The Proposed Action would also require construction activities both in-water and above-water and waterward of the OHWM for the approach trestle and entire dock structure for Docks 2 and 3. The Applicant currently anticipates up to 2 years of in-water work (over two approved in-water work windows) to complete Docks 2 and 3 and the associated trestle work, depending on permit restrictions. Work windows would be scheduled to avoid and minimize impacts on various natural resources, most notably federally protected fish species. In-water construction would primarily involve dredging, pile driving, and pile removal (pile dikes) and would use barge-based equipment and purpose-built vessels, although some work would likely be supported from land. Piles would be driven and removed via vibratory methods. Potential impacts from dredging and in-water construction associated with the proposed docks are described in the SEPA Water Quality Technical Report (ICF 2017c).

The Proposed Action's consistency with the applicable policies and use activity regulations of the SMP are discussed in Table 3 and Table 4 below.

Table 3. Cowlitz County SMP Applicable Policies and Goals

Policy & Goal	*Response*
Goal: Economic Development	
5. Ports and Water-Related Industry—Ports are centers for waterborne traffic and as such, have become gravitational points for industrial/manufacturing firms.	
a) Port facilities shall be designed to permit viewing of harbor areas from viewpoints, waterfront restaurants, and similar public facilities which would not interfere with port operations or endanger public health and safety.	*The proposed action would be located in an existing industrial area and there are no public viewpoints, waterfront restaurants, or similar public facilities on the project area or in the immediate area. Furthermore, the proposed action would not preclude the construction of the harbor area viewpoints in the surrounding area in the future as described in the SEPA Aesthetics, Light, and Glare Technical Report (ICF 2017h). Therefore, the proposed action would be consistent with this policy.*
b) Sewage treatment, water reclamation, and desalinization and power plants shall be located where they do not interfere with, and are compatible with, recreational, residential, or other public uses of the water and shorelands. Waste treatment ponds for water-related industry shall occupy as little shoreline as possible.	*The proposed action does not involve sewage treatment, water reclamation, desalinization, or power plants. During construction, the Proposed Action would create five water quality ponds to store and treat stormwater. During operation, the Proposed Action water management system would collect all stormwater and surface water (washdown water) from the stockpile areas, rail loop, office areas, docks, and other paved/ impervious surface areas at the project area and direct these waters to a series of vegetated ditches and ponds, and then to a collection basin or sump. Similar to existing*

Policy & Goal	*Response*
	conditions, collected water would be pumped to an existing on-site treatment facility consisting of settling pond(s). It is expected that these ponds would be located outside the shoreline jurisdiction. Therefore, the proposed action would be consistent with this policy.
c) The cooperative use of dock parking, cargo handling, and storage facilities shall be strongly encouraged in waterfront industrial areas.	*At this time, the proposed action does not contemplate the cooperative use of parking or cargo handling or storage facilities. However, the proposed action would not preclude the cooperative use of such facilities in other industrial areas. Therefore, the proposed action would be consistent with this policy.*
d) Land transportation and utility corridors serving ports and water-related industry in the shoreline area shall follow the guidelines provided under the sections dealing with utilities and road and railroad design and construction. Where feasible, transportation and utility corridors shall be located upland to reduce pressures for the use of waterfront sites.	*The proposed action would utilize existing upland transportation (roadway and rail) corridors and utility corridors. Therefore, the proposed action would be consistent with this policy.*
e) Prior to allocating shorelines for port uses, local government shall consider statewide needs and coordinate planning with other jurisdictions to avoid wasteful duplication of port services within port-service regions.	*The proposed action would be located on an existing waterfront industrial site, and therefore would be connected to the existing network of port services and facilities. The proposed action would not allocate new shorelines for port uses. Therefore, the proposed action would be consistent with this policy.*
f) Since industrial docks and piers are often longer and greater in bulk than recreational or residential piers, careful planning must be undertaken to reduce the adverse impact of such facilities on other water-dependent uses, aesthetics, and shoreline resources. Because heavy industrial activities are associated with industrial piers and docks, the location of these facilities must be considered a major factor in determining the environmental and aesthetic compatibility of such facilities.	*The proposed action, including the two proposed docks, is the subject of this environmental review, which will account for its potential impacts to other land uses, water-dependent uses, aesthetics, and shoreline resources. Furthermore, the proposed action would require an SSDP and a CUP for any dredging activities as well as a critical areas permit. The reviews for these permits will consider the environmental and aesthetic compatibility and potential adverse impacts of the proposed action and would condition the permits to include necessary mitigation measures. Therefore, the proposed action would be consistent with this policy.*
g) Because a large impact cannot be avoided due to ports and port-related uses, preference will be given to development and redevelopment of existing port areas.	*The proposed action would redevelop a contaminated waterfront industrial site. Therefore, the proposed action would be consistent with this policy.*
h) Ports and water-related industries are encouraged to locate in urban environments, but in exceptional cases may locate under natural, conservancy, and rural environments, subject to conditional use and specific performance standards. An exception is log storage and rafting which may be permitted in conservancy, rural, urban, and is considered as a conditional use on natural shorelines.	*The proposed action would be located in a designated urban shoreline environment and therefore is consistent with this policy.*

Policy & Goal	*Response*
Other General Shoreline Uses	
Goal: Development within the shorelines of Cowlitz County must be for the betterment of the lifestyle of the citizens of Cowlitz County, and so located as to prevent ecological debilitation from occurring.	
1. Dredging - Dredging is the removal of earth from the bottom of a stream, river, lake, bay, or other water body for the purposes of deepening a navigational channel or to obtain use of the bottom materials for landfill.	
a) Dredging operations shall be so controlled as to minimize damage to existing ecological values and natural resources of both the area to be dredged, and the area for deposit of dredged materials.	*Dredging would be controlled to minimize and avoid potential impacts. Permits and authorizations under Section 10 of the Rivers and Harbors Act, Section 404 of the Clean Water Act, and the provisions of other laws and regulations would be required before dredging operations begin.* *Dredging would be conducted using a barge-mounted mechanical clamshell dredge with material loaded into a bottom-dump barge for transport to an approved dredge material disposal site once the barge is full. This method does not require dewatering.* *As discussed in the SEPA Water Quality Technical Report (ICF 2017c), dredged material would be suitable for flow-lane disposal or beneficial use in the Columbia River based on recent sediment sampling that suggests that sediments from the deepwater areas of the Columbia River are composed of silty sands with a low proportion of fines and low total organic carbon. The disposal area for this dredging action would require approximately 80 to 110 acres. However, the actual acreage of the disposal site would be determined by the permitting agencies and would be based on sediment characteristics (i.e., consistency and density of sediments).* *Impacts on water quality from dredging would be minimized with the implementation of a dredging and disposal quality control plan in compliance with the dredged material management program as required by state agencies (Ecology and Washington Department of Natural Resources) and federal agencies (the U.S. Army Corps of Engineers and the U.S. Environmental Protection Agency).* *The quality control plan would include dredging methods and procedures to minimize water quality impacts, define disposal protocols (whether upland or in-water), and develop a water quality monitoring plan and contingencies for exceedances. Adhering to the plan would avoid and minimize impacts and ensure that potential impacts would be temporary and localized. Therefore, the proposed action would be consistent with this policy.*
b) This program must include long-range plans for the deposit and use of spoils on land. Spoils deposit sites in water areas shall also be	*Dredged material would be suitable for flow-lane disposal or beneficial use in the Columbia River. The disposal area for this dredging action is anticipated*

Policy & Goal	*Response*
identified by local government in cooperation with the state departments of natural resources, game, and fisheries. Depositing of dredge material in water areas shall be allowed only for habitat improvement, to correct problems of material distribution adversely affecting fish and shellfish resources, or where the alternative of depositing material on land is more detrimental to shoreline resources than depositing it in water areas.	*to be approximately 80 to 110 acres. The dredging and disposal quality control plan would include dredging methods and procedures to minimize water quality impacts, define disposal protocols (whether upland or in-water), and develop a water quality monitoring plan and contingencies for exceedances. Adhering to the plan would avoid and minimize impacts and ensure that potential impacts would be temporary and localized. Therefore, the proposed action would be consistent with this policy.*
c) Dredging of bottom materials for the single purpose of extending one's property shall be discouraged.	*Dredging would be required to provide access to and from the Columbia River navigation channel and for berthing at the two new docks. Dredging would not be used to extend the area of the property.*
d) Navigation channels, turning and moorage basins shall be identified. Future channel and basin areas which would be used in conjunction with potential future ports and marinas should be identified as non-deposit areas for spoils from other dredging operations.	*The proposed dredge prism, navigation channels, and the turning and moorage basins would be identified in the permit applications as required.*
3. Shoreline Protection Works - Shoreline protection works (SPW) shall include bulkheads, breakwaters, jetties, groins, levees, berms, retaining walls, riprapping, dikes, and the like.	
a) Shoreline protection works should be located and constructed in such a manner which will not result in adverse effects on "wetlands" and will minimize alterations of the natural shoreline.	*The proposed action would not create any new shoreline protection works within the shoreline jurisdiction. The Columbia River shoreline near the Proposed Action project area already includes extensive diking and riprap that would not be altered with the proposed action. Therefore, this policy does not apply.*
b) Consider the effect of a proposed SPW on public access to publicly owned shorelines.	*The proposed action would not create any new shoreline protection works within the shoreline jurisdiction. Therefore, this policy does not apply.*
c) Shoreline protection works should be designed to blend in with the surroundings and not to detract from the aesthetic qualities of the shoreline.	*The proposed action would not create any new shoreline protection works within the shoreline jurisdiction. Therefore, this policy does not apply.*
d) The construction of SPW should be permitted only where they provide protection to upland areas or facilities and not for the direct purpose of creating land by filling behind the SPW. Landfill operations should satisfy the policies under "Landfills."	*The proposed action does not include any landfill operations. Therefore, this policy does not apply.*
e) Riprapping and other bank stabilization measures should be located, designed, and constructed so as to avoid the need for channelization, and to protect the natural character of the streamway.	*The proposed action does not involve any new riprapping or other bank stabilization measures within the shoreline jurisdiction. Therefore, this policy does not apply.*
f) The use of non-rock riprap material should be strongly discouraged. The use of abandoned automobiles for SPW is to be prohibited.	*The proposed action does not involve any new riprapping within the shoreline jurisdiction. Therefore, this policy does not apply.*

Policy & Goal	*Response*
g) Planned flood protection measures, such as dikes, should be placed landward of the streamway, including associated swamps and marshes, and other wetlands directly inter-related and inter-dependent with the stream proper.	*The proposed action does not include any new flood protection measures. The Columbia River shoreline near the project area already includes extensive diking that would not be altered with the proposed action. Therefore, this policy does not apply.*
h) Flood protection measures which result in channelization should be avoided.	*The proposed action would not introduce flood protection measures. Therefore, this policy does not apply.*
i) Special attention should be given to the effect these structures will have on fish and wildlife propagation, habitat, and movement.	*The proposed action would not create any new shoreline protection works within the shoreline jurisdiction. Therefore, this policy does not apply.*
4. Piers - A pier or dock is a structure built over or floating upon the water, used as a landing place for marine transportation or for recreation purposes	
a) The use of floating docks should be encouraged in those areas where scenic values are high and where conflicts with recreational boaters and fishermen will not be created.	*A floating dock is not feasible due to the scale of ships used in exporting coal.*
b) Open-pile piers should be encouraged where shore trolling is important, where there is significant littoral drift, and where scenic values will not be impaired.	*The proposed docks would be open pile construction and located in an area where similar docks are constructed.*
c) Priority should be given to the use of community piers and docks in all new major waterfront developments. In general, encouragement should be given to the cooperative use of piers and docks.	*At this time, the proposed action does not contemplate the cooperative use of the proposed docks. However, the proposed action would not preclude the cooperative use of such facilities in other industrial areas. Therefore, the proposed action would be consistent with this policy.*
d) In providing for boat docking facilities in the master program, local governments should consider the capacity of the shoreline sites to absorb the impact of waste discharges from boats including gas and oil spillage.	*The project area and surrounding shoreline area contain predominantly industrial and transportation/utility land uses and are designated as urban shorelines in the County SMP. The County has determined this shoreline area best for supporting potential shipping-related facilities. Modern vessel design and operational standards greatly reduce the potential for a fuel oil spill. In addition, federal and state regulations protect against the discharge of contaminated ballast water and the introduction of exotic species via ballast water (RCW 77.120). The discharge of ballast water into waters of the state is not allowed unless there has been an open sea exchange (replacing coastal water with open-ocean water to reduce the density of coastal organisms), or the vessel has treated its ballast water to meet state and federal standards set by the U.S. Coast Guard, the Clean Water Act (33 USC 1251–1387), or the international maritime organization. Therefore, the proposed action would be consistent with this policy.*
e) The risk and potential damage of contaminants must be determined for piers and the ability of the shoreline area to recover from such spills	*The potential impacts of the proposed action attributable to contaminants from the construction and operation of the proposed docks are accounted*

Policy & Goal	*Response*
must be known. Where appropriate, contamination prevention and abatement measures will be required as part of any proposal to erect a pier.	*for as part of this environmental review. Furthermore, the proposed action would require a critical areas permit and an SSDP and a CUP for any dredging activities. The reviews for these permits would also consider the environmental and aesthetic compatibility and potential adverse impacts of the proposed action and would condition the permits to include necessary mitigation measures. Therefore, the proposed action would be consistent with this policy.*

Table 4. Cowlitz County SMP Applicable Use Activity Regulations

Use Activity Regulations:	*Response*
Construction and Operations Regulations	
1) No construction equipment shall enter any shoreline body of water, except as authorized under the terms of a substantial development permit.	*Dredging and dock construction activities under the proposed action would require construction equipment to be in and over the water. The SSDP should include the specific authorization of this activity.*
2) Vegetation along the water shall be left in its natural condition unless the substantial development permit allows otherwise.	*Construction of the proposed action would require the removal of vegetation within the shoreline jurisdiction. The SSDP should include the specific authorization of this activity.*
3) During construction, care will be taken to assure that waste material and foreign matter are not allowed to enter the water.	*As discussed in the SEPA Water Quality Technical Report (ICF 2017c), a wide variety of best management practices would be implemented during construction to avoid and minimize potential impacts on water quality. These best management practices would include measures to reduce pollutants in stormwater and other nonpoint source runoff. Construction practices would include measures to avoid and minimize soil erosion associated with land disturbance and the subsequent discharge of sediment-laden stormwater to adjacent surface waters. Construction projects in Washington that include clearing, grading, and excavating activities that disturb one or more acres and discharge stormwater to surface waters of the state must obtain a National Pollutant Discharge Elimination System (NPDES) Construction Stormwater General Permit from Ecology. That permit requires the development and implementation of a Temporary Erosion and Sediment Control (TESC) plan, an SWPPP, and best management practices to avoid and minimize the risk of erosion. Therefore, the proposed action would be consistent with this policy.*
4) All fuel and chemicals shall be kept, stored, handled and used in a fashion which assures that there will be no opportunity for entry of such fuel and chemicals into the water.	*The development and implementation of an SPCC plan and a site-specific construction SWPPP that include best management for material handling and construction waste management would reduce the potential for water quality impacts from sources of*

Use Activity Regulations:	***Response***
	fuel and chemical pollutants during construction because water entering the CDID ditches from the project area would be treated. Furthermore, with proper training as specified in the SPCC, the response to a spill would be quick, and proper equipment would be labeled and available.
5) Protection from siltation and erosion shall be provided for on all earthworks projects.	*To control on-site erosion and off-site sediment delivery during construction and initial operation, the proposed action would implement the erosion control recommendations in the geotechnical report. Additionally, the site erosion control plan would include an SWPPP and would implement measures in Ecology's* Stormwater Management Manual for Western Washington. *The proposed action also would incorporate a monitoring and evaluation plan in the erosion control plan to identify and address any deficiencies that might occur over this extended construction timeframe. When build-out is complete, impervious surfaces would constitute approximately 90% of the project area, reducing the potential for soil erosion to near zero.*
6) Land being prepared for development shall have an adequate drainage system to prevent runoff from entering water bodies.	*The proposed action would be required to obtain a NPDES Construction Stormwater General Permit from Ecology. The permit requires the development and implementation of a TESC plan, a construction SWPPP, and best management practices to avoid and minimize the risk of erosion. The Ecology* Stormwater Management Manual for Western Washington *would guide the design and implementation of these best management practices. The selected best management practices would represent the best available technology that is economically achievable and the best conventional pollutant control technology to reduce pollutants. Best management practices would include a wide variety of measures to reduce pollutants in stormwater and other nonpoint source runoff. Construction practices would include measures to avoid and minimize soil erosion associated with land disturbance and subsequent discharge of sediment-laden stormwater to adjacent surface waters.* *During operation, stormwater would be managed in accordance with the requirements of a new NPDES Industrial Stormwater Permit to be issued exclusively for the coal export terminal water management facilities. Contaminants such as oil and grease, coal dust, and other chemicals could accumulate on surfaces and would become constituents of site stormwater. All stormwater runoff would be collected for treatment before reuse or discharge to the Columbia River. Coal particulates would be removed from stormwater and placed back in the coal stockpile area for shipment. Other solids*

Use Activity Regulations:	*Response*
	accumulated in the treatment systems not acceptable for reuse would be collected periodically and disposed of at an appropriate off-site disposal site.
7) Side casting of excess road building material into streams will not be permitted.	*Road building materials would not be side-cast into streams.*
8) All construction debris such as fuel and oil containers and barrels and other miscellaneous litter shall be removed from the shoreline area. No equipment shall be abandoned within the shoreline area.	*Construction materials would be placed in designated staging areas. Unused equipment and materials would be removed from the project area once construction is complete.*
9) State and federal water quality standards for both inter-state and intra-state waters already are established. These shorelines regulations need only allude to these and other regulations already in effect. Any activities within the shorelines must, as a minimum, meet all these other regulations.	*The proposed action would comply with all applicable state and federal water quality standards.*
Commercial Development	
1) Commercial and industrial uses are of such varied nature that many may be considered a conditional use in any district and to be permitted must meet conditions; except independent commercial parking lots, which shall be prohibited in all environments.	*The proposed action would be required to obtain an SSDP and a CUP. The proposed action does not include a commercial parking lot.*
2) Airport and aircraft landing strips shall be prohibited in natural and conservancy districts and shall be considered a conditional use in rural and urban environments.	*The proposed action does not involve the development of an airport or an aircraft landing strip. Therefore, this regulation does not apply.*
Urban District	
1) Because shorelines suitable for urban uses are a limited resource, emphasis should be given to development within already developed areas and particularly on water-dependent industrial and commercial uses requiring frontage on navigable waters.	*The proposed action would redevelop a contaminated waterfront industrial site with an industrial use containing water-dependent and water-related uses as defined in WAC 173-26-020.*
2) A permit for commercial development may be granted subject to the following regulations:	
a) Commercial buildings of more than 35 feet above average ground grade shall be allowed as a conditional use.	*This regulation would not apply to the proposed action.*
b) Any commercial structure or facility except one which requires or is dependent on direct, contiguous access to the water shall be set back from the ordinary high water mark by a minimum of ten feet, as measured on a horizontal plane.	*The proposed docks are the only commercial facility associated with the proposed action that is within 10 feet of the ordinary high water mark. The docks depend on direct, contiguous access to the water.*
c) Parking facilities shall not be located within ten (10) feet of the ordinary high water mark, as measured on a horizontal plane.	*No parking facilities would be located within the shoreline jurisdiction with the proposed action.*

Use Activity Regulations:	*Response*
Ports and Water-Related Industries	
Urban District	
1) Port facilities and water-related industries shall be permitted on urban shorelines.	*As defined under WAC 173-26-20(43), a "water-related" use "means a use or portion of a use which is not intrinsically dependent on a waterfront location but whose economic viability is dependent upon a waterfront location." Because the proposed action involves the export of coal by oceangoing vessels, the proposed action is a water-related and water-dependent use and is therefore permitted on urban shorelines.*
2) Any person proposing a development, expansion or alteration, or any phase thereof which constitutes a complete project, of a port facility or water-related industry, shall apply for a permit.	*Applications for a SSDP and a CUP as appropriate would be submitted for the proposed action.*
3) A permit for a port facility or water-related industry, or any expansion or alteration thereof which constitutes a complete project, may be granted a permit subject to compliance with local ordinances and the following regulations:	
a) Demonstration of compliance with the regulations specified on any federal and state permits required for such facilities and operations, by presentation of an application for each permit or other means satisfactory to the administrator.	*The applicant for the proposed action would obtain all required federal and state permits. These include, but are not limited to, permits and authorizations pursuant to Section 10 of the Rivers and Harbors Act, Section 404 of the Clean Water Act, Hydraulic Project Approval, Section 401 water quality certification, and NPDES permits, and the proposed action would comply with the terms of the permits.*
b) Compliance with other applicable use regulations in this program is required.	*This application for the SSDP and shoreline CUP will address all applicable shoreline use regulations.*
4) Water storage of logs shall be permitted subject to the following minimum regulations:	
a) No feasible dry land storage area is available, except emergency or short-term storage of logs may be in water regardless of the availability of dry and storage areas. Logs shall not be stored so that a complete waterway is blocked for public boating or public access through log storage areas along waterway.	*The proposed action does not involve the water storage of logs. Therefore, this regulation does not apply.*
Roads and Railroads	
1) Whenever necessary to locate roads, location shall be subject to road location standards set forth in the Forest Practices and Shoreline Management Special Report, found under Forest Practices and Shoreline Management, pages 34 - 36.	*The proposed action would improve Dike Road, an existing roadway, but would not locate new roads within shoreline jurisdiction. Therefore, this regulation does not apply.*
Urban District	
1) Non-motorized trails shall be permitted within urban shorelines	*The proposed action does not include non-motorized trails. Therefore, this regulation does not apply.*

Use Activity Regulations:	*Response*
2) Railroads shall be permitted within urban shorelines.	*The proposed action would not locate railroads within shoreline jurisdiction. Therefore, this regulation does not apply.*
3) Future construction of all roads, highways, freeways, and access roads shall assure compliance with existing county rules and regulations addressing such construction.	*The improvements to Dike Road within the shoreline jurisdiction under the proposed action would comply with applicable county rules and regulations.*
4) All public roads and railroads shall not impede non-motorized public access to public shorelines.	*The project area is an active industrial site and there is no existing public access. Therefore, this regulation does not apply.*
5) All private roads must meet the road specifications as outlined in the Forest Practices and Shoreline Management Special Report, found under Forest Practices and Shoreline Management, pages 34 - 36.	*The proposed action would improve Dike Road, an existing roadway, but would not develop new private roads within shoreline jurisdiction. The improvements to Dike Road within shoreline jurisdiction under the proposed action would comply with applicable county rules and regulations. Therefore, this regulation does not apply.*
Shoreline Works and Structures	
1) Riprapping and other bank stabilization measures shall be located, designed and constructed so as to avoid the need for channelization and to protect the natural character of the streamway. In all environments, the use of non-rock riprap material shall be considered as a conditional use, and the use of abandoned automobiles for SWS shall be prohibited.	*The proposed action does not involve any new riprapping or other bank stabilization measures within the shoreline jurisdiction. Therefore, this regulation does not apply.*
Urban District	
1) Shoreline works and structures are allowed anywhere on urban shorelines.	*The proposed action would not create any new shoreline protection works within the shoreline jurisdiction. Therefore, this regulation does not apply.*

3.1.6.3 Cowlitz County Critical Areas Protection

The Proposed Action would result in development within designated critical areas, including geologically hazardous areas, critical aquifer recharge areas, wetlands, frequently flooded areas, and fish and wildlife habitat conservation areas. Potential impacts on these critical areas have been assessed in the SEPA Geology and Soils Technical Report (ICF 2017f), SEPA Surface Water and Floodplains Technical Report (ICF 2017i), SEPA Groundwater Technical Report (ICF 2017j), SEPA Fish Technical Report (ICF 2017d), SEPA Wildlife Technical Report (ICF 2017k), and SEPA Vegetation Technical Report (ICF 2017l). Furthermore, the Proposed Action would be required to obtain a critical areas permit, and any necessary mitigation measures would be required as a condition of the permit. With these mitigation measures, any impacts on regulated critical areas would be offset or minimized such that there would be no net loss of critical area functions and values. Therefore, the Proposed Action would be consistent with the public policy related to critical areas protection.

3.2 No-Action Alternative

The following sections describe the potential land use impacts attributable to the construction and operation of the No-Action Alternative.

3.2.1 Construction: Direct Impacts

Under the No-Action Alternative, although the coal export terminal would not be constructed, new construction, demolition, or related activities to develop the project area into an expanded bulk product terminal would occur on previously developed upland portions of the project area. Upland areas of the site are zoned Heavy Industrial and it is assumed that newly proposed industrial uses in these upland areas could be permitted in the future. Construction of new buildings could involve demolition and replacement of existing buildings and new or modified permits. However, no new docks would be built and no new dredging would occur. Limitations of property use are expected because of contamination that may be left on the project area. Construction would not result in direct impacts on land use because the project area is currently an industrial use and would remain an industrial use upon completion of construction activities.

3.2.2 Construction: Indirect Impacts

The No-Action Alternative would not result in indirect construction impacts on land and shoreline use because construction would be limited to the project area. These activities would not change land and shoreline use outside the project area during construction.

3.2.3 Operations: Direct Impacts

The No-Action Alternative would continue and expand the existing bulk product terminal use on the project area and the Applicant's leased area. The following direct impacts on land use may result from the operation of the No-Action Alternative.

3.2.3.1 Land and Shoreline Use

Modify Existing Land Uses on the Project Area

As with the Proposed Action, the No-Action Alternative would expand existing or introduce a new industrial use to the project area. However, because the project area and surrounding area already contain industrial uses, the No-Action Alternative would not change the land use of the project area. As discussed above, land use within the direct impacts study area is already characterized by the presence of many industrial and transportation/utility land uses. The No-Action Alternative would be consistent with these industrial and transportation/utility land uses, including the Weyerhaeuser facility, the Port Industrial Marine property, and the Mint Farm Industrial Park located just outside the study area.

Introduce Expanded or New Industrial Use near Residential Land Uses

Two single-family residential uses are located adjacent to the project area within the direct impacts study area. These uses currently coexist with existing industrial uses on the project area and nearby. Therefore, the No-Action Alternative would not likely directly affect the adjacent residential uses regarding land use compatibility. Potential impacts on these residential uses

related to noise, air quality, and vehicle transportation are discussed in the respective technical reports.

3.2.3.2 Parks and Recreation Facilities and Agricultural Areas

The No-Action Alternative would not directly affect parks and recreation land uses because of the distance between the project area and such uses, nor would it result in direct impacts on agricultural land uses.

3.2.4 Operations: Indirect Impacts

The No-Action Alternative would be compatible with land use conditions in the indirect impacts study area. In particular, the No-Action Alternative would be consistent with the existing concentration of industrial land uses along the Columbia River. Downstream from the project area, the closed BMP facility would separate the No-Action Alternative from the currently undeveloped Barlow Point property. Furthermore, the Port may redevelop the Barlow Point property in the future, and such port-related land uses, which are expected to include a marine facility and other industrial activities as discussed in the Port's Comprehensive Scheme of Harbor Improvements, would be compatible with the No-Action Alternative land use. The large-lot residential and agricultural land uses downstream from Barlow Point are approximately 1 mile from the project area and would be separated from the project area by the Barlow Point property and the closed BMP facility. Therefore, the No-Action Alternative would not affect the land use conditions in this area.

The No-Action Alternative would not affect land use conditions in the remainder of the indirect impacts study area. Most land uses outside the corridor of industrial and transportation/utility uses along the Columbia River are located at least 1 mile from the project area. Furthermore, the nearest residential uses to the north on Mount Solo (aside from the two residences adjacent to the project area) are located approximately 0.5 mile from the project area and are buffered by dense vegetation on Mount Solo. Other residential neighborhoods to the north are buffered from the project area by Mount Solo.

The No-Action Alternative could increase rail and truck traffic due to expanded coal, alumina, and industrial chemical handling operations. This increase in rail and truck traffic would be compatible with existing industrial land uses along these transportation corridors. Land uses adjacent to the rail lines currently coexist with rail traffic, including the transportation of coal and other commodities, and the No-Action Alternative would not change the land uses along the rail corridors. Overall, the operation of the No-Action Alternative may not result in indirect impacts on land or shoreline use.

3.2.5 Consistency with Zoning, Land Use Plans, and Public Policies

The No-Action Alternative would be consistent with the stated purpose of the existing Heavy Manufacturing County zoning designation and would comply with the permitted uses and associated development standards and requirements. The No-Action Alternative, like the Proposed Action, would maintain and expand the industrial use of the project area and would be consistent with the current Heavy Industrial designation of the project area in the *Cowlitz County Comprehensive Plan*, as well as the Economic Resource Lands – Industrial designation in the draft updated Cowlitz County Comprehensive Plan.

As with the Proposed Action, the No-Action Alternative would be required to obtain a critical areas permit for any development within designated critical areas, including any required mitigation measures, and as a result would be consistent with public policy related to critical areas protection. The No-Action Alternative would also need to comply with legal restrictions or covenants tied to cleanup of the project area.

Overall, the No-Action Alternative would be consistent with zoning and public land use plans policies applicable to the project area.

Chapter 4
Required Permits

The Proposed Action would require the following permits related to land use and shoreline use.

- **Shoreline Substantial Development—Cowlitz County Department of Building and Planning.** The Proposed Action would result in new development within the shoreline area regulated by the County SMP. Therefore, it would require an SSDP from Cowlitz County.
- **Shoreline Conditional Use Permit—Cowlitz County Department of Building and Planning/Washington State Department of Ecology**. The Proposed Action may require dredging activities on urban shorelines. Dredging is a conditional use on urban shorelines, and therefore the Proposed Action would require a CUP from Cowlitz County.
- **Critical Areas Permit—Cowlitz County Department of Building and Planning**. The Proposed Action would be constructed in designated critical areas and would require a Critical Areas Permit.
- **Building and Site Development Permits—Cowlitz County Department of Building and Planning**. The Proposed Action would require building and site development permits, such as fill and grade permits, plumbing permits, fire permits, mechanical permits, etc., from the Cowlitz County Department of Building and Planning for any earthwork, construction of new structures or alteration of existing structures.

Chapter 5
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Appendix A

Properties and Land Use in the Study Area

Appendix A
Properties and Land Use in the Study Area

Table A-1. Properties within Direct Impacts Study Area—Proposed Action

Property Owner	Tax Parcel(s)	Acres	Zoning	Land Use
Port of Longview	106980100, 106970100, 106990100	25.51	HI	Vacant
City of Longview (CDID #1)	107080100, 107090100, 10219, 619530201	32.80	HI and MU-C/I	Diking right-of-way
BNSF Railway	61948, 61951, WI3100003	16.47	MH	Railroad right-of-way
Bonneville Power Administration	6195303, 61954, 1021401	46.99	MH and MU-C/I	Substation
3 B's Land & Gravel, LLC	106850100, 106930100	11.83	HI	Vacant land
Private	106880100	4.94	HI	Single-family residence
Private	106870100	2.52	HI	Parcel with small outbuildings
Private	106860100	2.38	HI	Single-family residence
Northwest Alloys, Inc.	619530400	271.55	MH	Closed Reynolds landfill (westernmost portion), existing MBTL facilities
Northwest Alloys, Inc.	61953	86.81	MH	Existing MBTL bulk terminal
Northwest Alloys, Inc.	61950	60.00	MH	Shoreline berm at existing MBTL terminal
Northwest Alloys, Inc.	10213	100.47	MU-C/I	Vacant land
Northwest Alloys, Inc.	1021501	0.06	MU-C/I	Vacant building
USA	61954	22.00	MH	BPA Substation
Washington State Department of Transportation	SR 432 (Industrial Way)	N/A	No Zoning	Transportation right-of-way

Source: Cowlitz County, 2014. Cowlitz County NetMaps. Assessor. Cowlitz County, WA. Available: http://www.cowlitzinfo.net/netmaps25/index.html.
MH: Heavy Manufacturing (Cowlitz County)
HI: Heavy Industry (City)
MU-C/I: Mixed Use – Commercial/Industrial (City of Longview)

MILLENNIUM BULK TERMINALS—LONGVIEW SEPA ENVIRONMENTAL IMPACT STATEMENT

SEPA SOCIAL AND COMMUNITY RESOURCES TECHNICAL REPORT

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Acronyms and Abbreviations

ACS	American Community Survey
ADA	Americans with Disabilities Act
AMR	American Medical Response
Applicant	Millennium Bulk Terminals-Longview, LLC
BNSF	BNSF Railway Company
BPA	Bonneville Power Administration
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
City	City of Longview
County	Cowlitz County
Ecology	Washington State Department of Ecology
EIS	environmental impact statement
EMT	emergency medical technician
FRA	Federal Railway Administration
LVSW	Longview Switching Company
NEPA	National Environmental Policy Act
OMB	Office of Management and Budget
RCW	Revised Code of Washington
SEPA	State Environmental Policy Act
SR	State Route
UP	Union Pacific Railroad

Chapter 1
Introduction

This technical report assesses the potential impacts on social and community resources of the proposed Millennium Bulk Terminals—Longview project (Proposed Action) and No-Action Alternative. For the purposes of this assessment, effects on social and community resources refers to social and community cohesion effects, effects on public services and utilities, and effects on minority and low-income populations. This report describes the regulatory setting, establishes the methods for assessing potential impacts, presents the historical and current social and community conditions of the study area, and assesses the potential for impacts on social and community resources.

1.1 Project Description

Millennium Bulk Terminals—Longview, LLC (Applicant) is proposing to construct and operate a coal export terminal (Proposed Action) in Cowlitz County, Washington along the Columbia River (Figure 1). The coal export terminal would receive coal from the Powder River Basin in Montana and Wyoming, and the Uinta Basin in Utah and Colorado via rail shipment. The coal export terminal would receive, stockpile, and load coal onto vessels and transport the coal via the Columbia River and Pacific Ocean to overseas markets in Asia.

1.1.1 Proposed Action

Under the Proposed Action, the Applicant would develop the coal export terminal on 190 acres (project area) primarily within an existing 540-acre site that is currently leased by the Applicant (Applicant's leased area). The project area is adjacent to the Columbia River in unincorporated Cowlitz County, Washington near Longview, Washington (Figure 2). The Applicant currently operates and would continue to operate a bulk product terminal within the Applicant's leased area.

BNSF Railway Company (BNSF) or Union Pacific Railroad (UP) trains would transport coal on BNSF main line routes in Washington State, and the BNSF Spur and Reynolds Lead in Cowlitz County to the project area. Coal would be unloaded from rail cars, stockpiled, and loaded by conveyor onto ocean-going vessels for export at two new docks (Docks 2 and 3) located in the Columbia River.

Once construction is complete, the Proposed Action could have a maximum annual throughput capacity of up to 44 million metric tons of coal per year. The coal export terminal would consist of one operating rail track, eight rail tracks for storing up to eight unit trains, rail car unloading facilities, a stockpile area for coal storage, conveyor and reclaiming facilities, two new docks in the Columbia River (Docks 2 and 3), and shiploading facilities on the two docks. Dredging of the Columbia River would be required to provide access to and from the Columbia River navigation channel and for berthing at the two new docks.

Vehicles would access the project area from Industrial Way (State Route 432), and vessels would access the project area via the Columbia River. The Reynolds Lead and BNSF Spur track—both jointly owned by BNSF and UP, and operated by Longview Switching Company (LVSW)—provide rail access to the project area from a point on the BNSF main line (Longview Junction) located to the

east in Kelso, Washington. Coal export terminal operations would occur 24 hours per day, 7 days per week. The coal export terminal would be designed for a minimum 30-year period of operation.

At full terminal operations, approximately 8 loaded unit trains each day would carry coal to the export terminal, 8 empty unit trains each day would leave the export terminal, and an average of 70 vessels per month or 840 vessels per year would be loaded, which would equate to 1,680 vessel transits in the Columbia River annually.

Figure 1. Project Vicinity

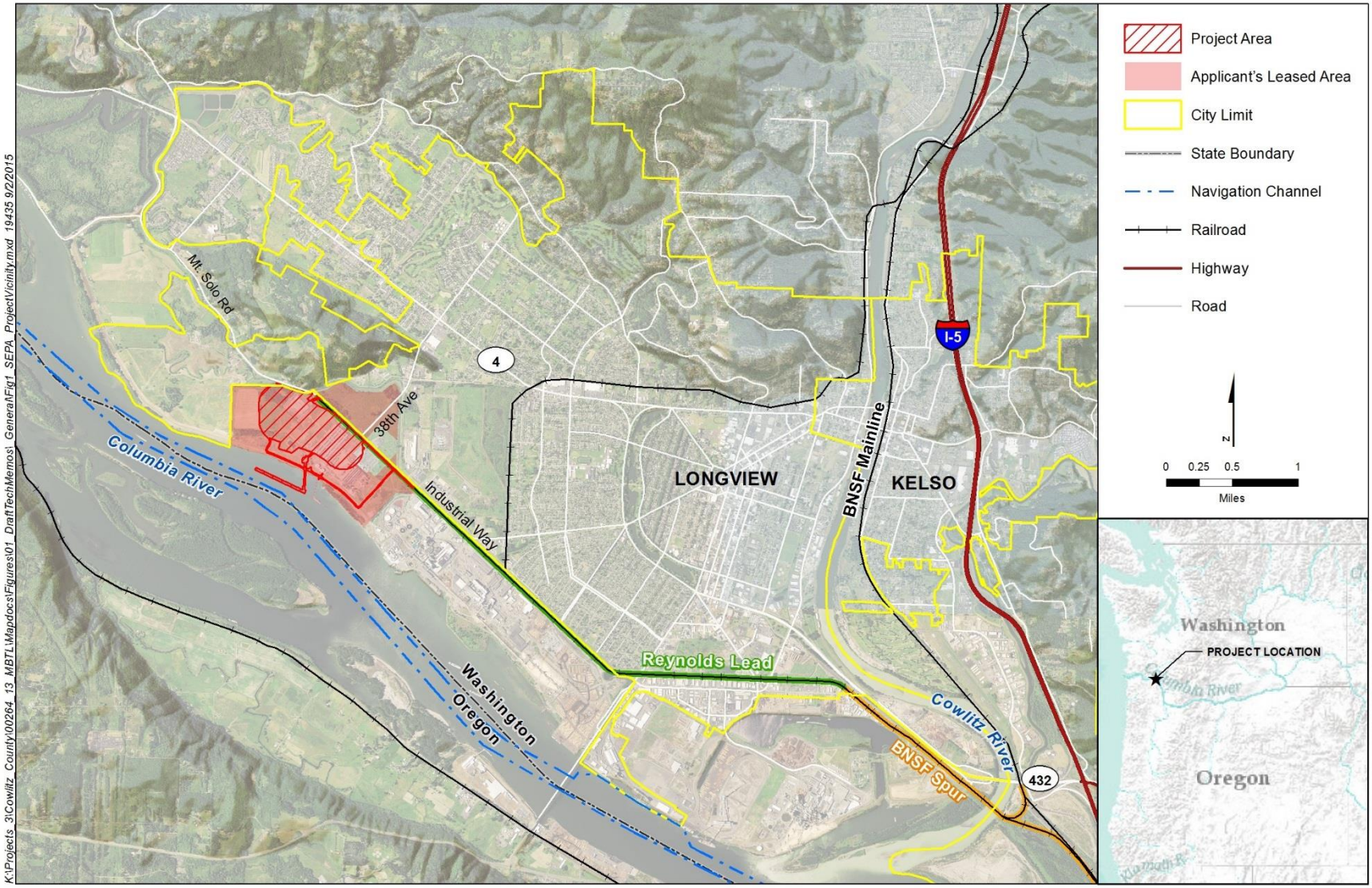
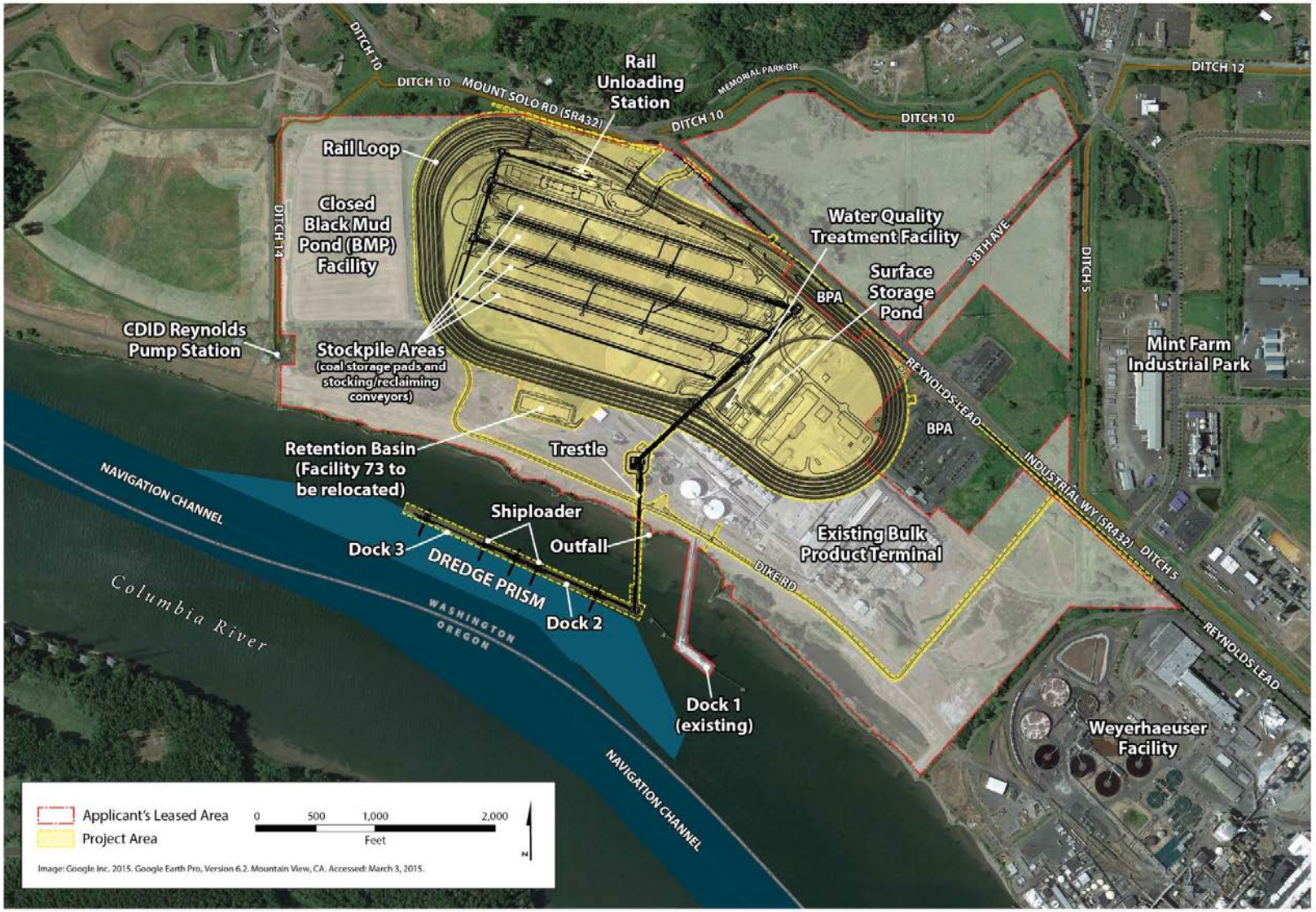


Figure 2. Proposed Action



1.1.2 No-Action Alternative

The Applicant plans to continue operating its existing bulk product terminal located adjacent to the project area. Ongoing operations would include storing and transporting alumina and small quantities of coal, and continued use of Dock 1. Maintenance of the existing bulk product terminal would continue, including maintenance dredging at the existing dock every 2 to 3 years. The Applicant plans to expand operations at the existing bulk product terminal, which could include increased storage and upland transfer of bulk products utilizing new and existing buildings. The Applicant would likely need to undertake demolition, construction, and other related activities to develop expanded bulk product terminal facilities.

If the coal export terminal is not constructed, the Applicant would likely propose expansion of the bulk product terminal onto areas that would have been subject to construction and operation of the proposed coal export terminal. Additional bulk product transfer activities could involve products such as a calcined pet coke, coal tar pitch, cement, fly ash, and sand or gravel. Any new operations would be evaluated under applicable regulations. Upland areas of the project area are zoned Heavy Industrial and it is assumed future proposed industrial uses in these upland areas could be permitted. Any new construction would be limited to uses allowed under existing Cowlitz County development regulations.

1.2 Regulatory Setting

The jurisdictional authorities and corresponding regulations, statutes, and guidance for determining potential impacts related to social and community resources and minority and low-income populations are summarized in Table 1. As shown, these laws and regulations pertain to the assessment of minority and low-income populations (i.e., environmental justice).

Table 1. Regulations, Statutes, and Guidelines for Social and Community Resources and Minority and Low-Income Populations

Regulation, Statute, Guideline	Description
Federal	
National Environmental Policy Act (42 USC 4321 *et seq*.)	Requires the consideration of potential environmental impacts. NEPA implementation procedures are set forth in the President's Council on Environmental Quality's Regulations for Implementing NEPA (49 CFR 1105).
Title VI of the Civil Rights Act of 1964 (42 USC 2000d) as amended by the Civil Rights Restoration Act of 1987 (P.L. 100-209)	Prohibits discrimination based on race, color, sex, and national origin in the provision of benefits and services resulting from federally assisted programs and activities. Under the prohibition against national origin discrimination, recipients of federal funding are required to ensure that their programs and activities normally provided in English are accessible to limited English proficiency persons.
Americans with Disabilities Act, 42 USC 126, 12101, *et seq*. (as amended)	Prohibits discrimination based on disability.
Presidential Executive Order 12898, Environmental Justice	Promotes nondiscrimination in federal programs substantially affecting human health and the environment and provides minority and low-income community access to public information on, and an opportunity for public participation in, matters relating to human health or the environment.
CEQ Environmental Justice Guidance under NEPA	Provides guidance to assist federal agencies with their NEPA procedures so that environmental justice concerns are effectively identified and addressed.
State	
Washington State Environmental Policy Act (RCW 43.21c)	SEPA directs state and local agencies to consider environmental impacts (cumulative, short-term, long-term, direct, and indirect), alternatives, and mitigation before committing to an action. SEPA gives agencies the authority to condition or deny a proposal based on the agency's adopted SEPA policies and environmental impacts identified in a SEPA document (RCW 43.21C.060, WAC 197-11-660).
Local	
Cowlitz County SEPA Regulations (CCC 19.11)	The County has adopted and incorporated rules pertaining to the integration of policies and procedures as required under SEPA (RCW 43.21C.120).

Notes:
USC = United States Code; NEPA = National Environmental Policy Act; CFR = Code of Federal Regulations; CEQ = Council on Environmental Quality; RCW = Revised Code of Washington; SEPA = Washington State Environmental Policy Act; County = Cowlitz County; WAC = Washington Administrative Code; CCC = Cowlitz County Code; P.L. = Public Law

1.3 Study Areas

The study areas for social and community resources assessment for the Proposed Action are defined below.

- **Social/Community Cohesion and Public Services:** For direct impacts, the study area is the project area and the area within 0.5 mile of the project area. For indirect impacts, the study area is the project area and the area within 0.5 mile of the affected rail lines in Cowlitz County (the Reynolds Lead, BNSF Spur, and BNSF main line).
- **Minority and Low-Income Populations:** The study area for direct impacts is the project area and the area within approximately 1 mile of the project area. This study area only relates to construction and operations of the Proposed Action. The study area for indirect impacts is the area within 0.5 mile of the affected rail lines in Cowlitz County.
- **Utilities:** For direct impacts, the study area is the project area and the area within 0.5 mile of the project area. This study area only relates to construction and operation of the Proposed Action. For indirect impacts, the study area is the project area and the area within 0.5 mile of the project area.

The direct impacts (0.5-mile) study areas around the project areas for the Proposed Action are shown on Figure 3. The direct and indirect impacts study areas for social and community cohesion are shown on Figure 4.

As discussed later in this report, demographic data has been compiled for the various study areas based on the U.S. Census Bureau (census) block group boundaries that most closely conform to the study area boundaries. For social/community cohesion and public services, the census block groups that represent the direct impacts (0.5-mile) study area around the project areas are shown in Figure 5. The direct impacts study area for social/community cohesion and public services is represented by Census Tract 3 Block Group 1, Census Tract 7.03 Block Group 1, and Census Tract 19 Block Group 1. For minority and low-income populations, the census block groups that represent the direct impacts (1-mile) study area around the project areas and the indirect impacts (0.5-mile) study area around the affected rail line are shown in Figure 6.

Figure 3. The 0.5-Mile Direct Impacts Study Area near the Project Area

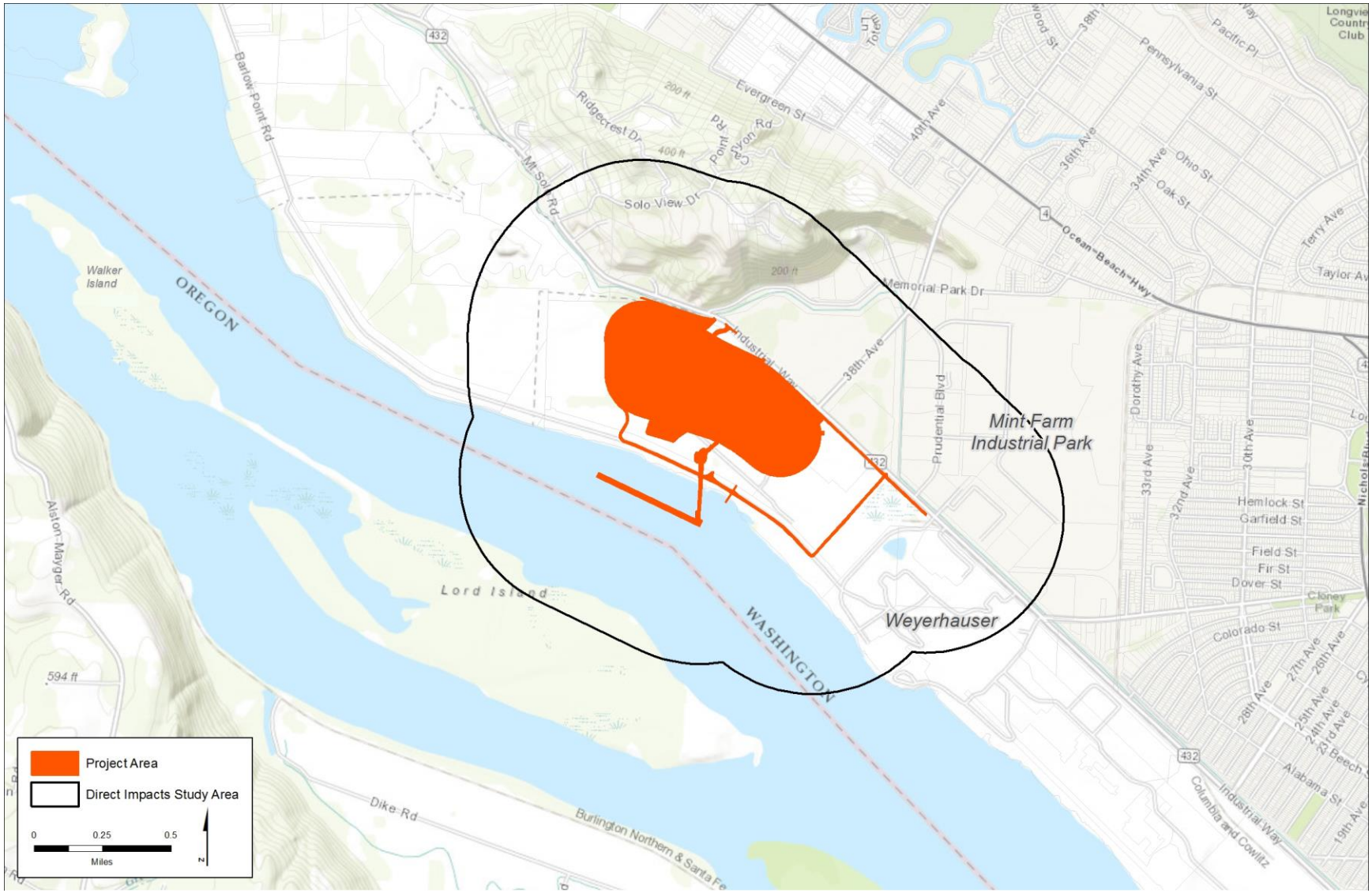


Figure 4. Social and Community Cohesion Direct and Indirect Impacts Study Areas

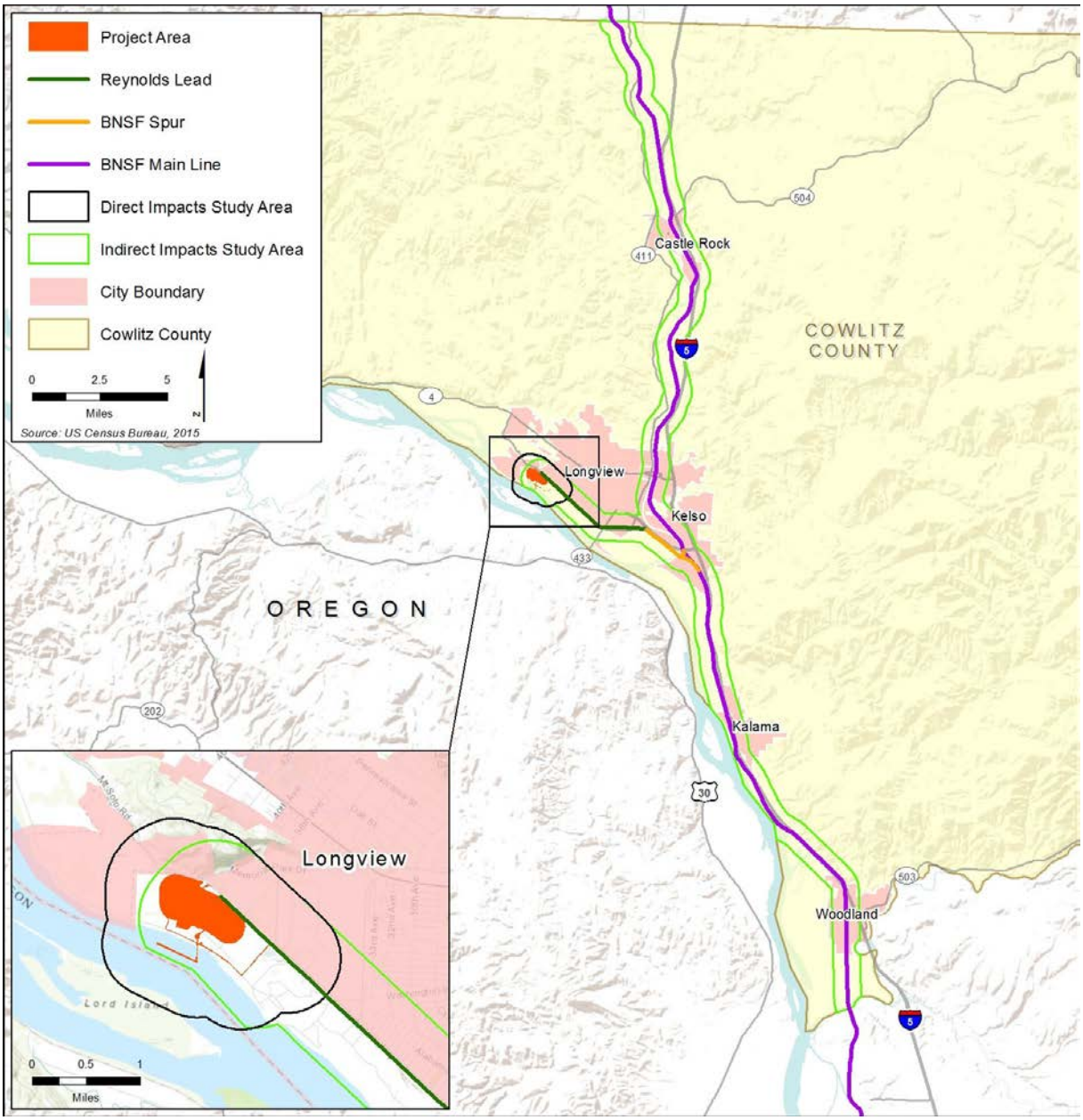


Figure 5. Study Areas near the Project Area (Census Boundaries)

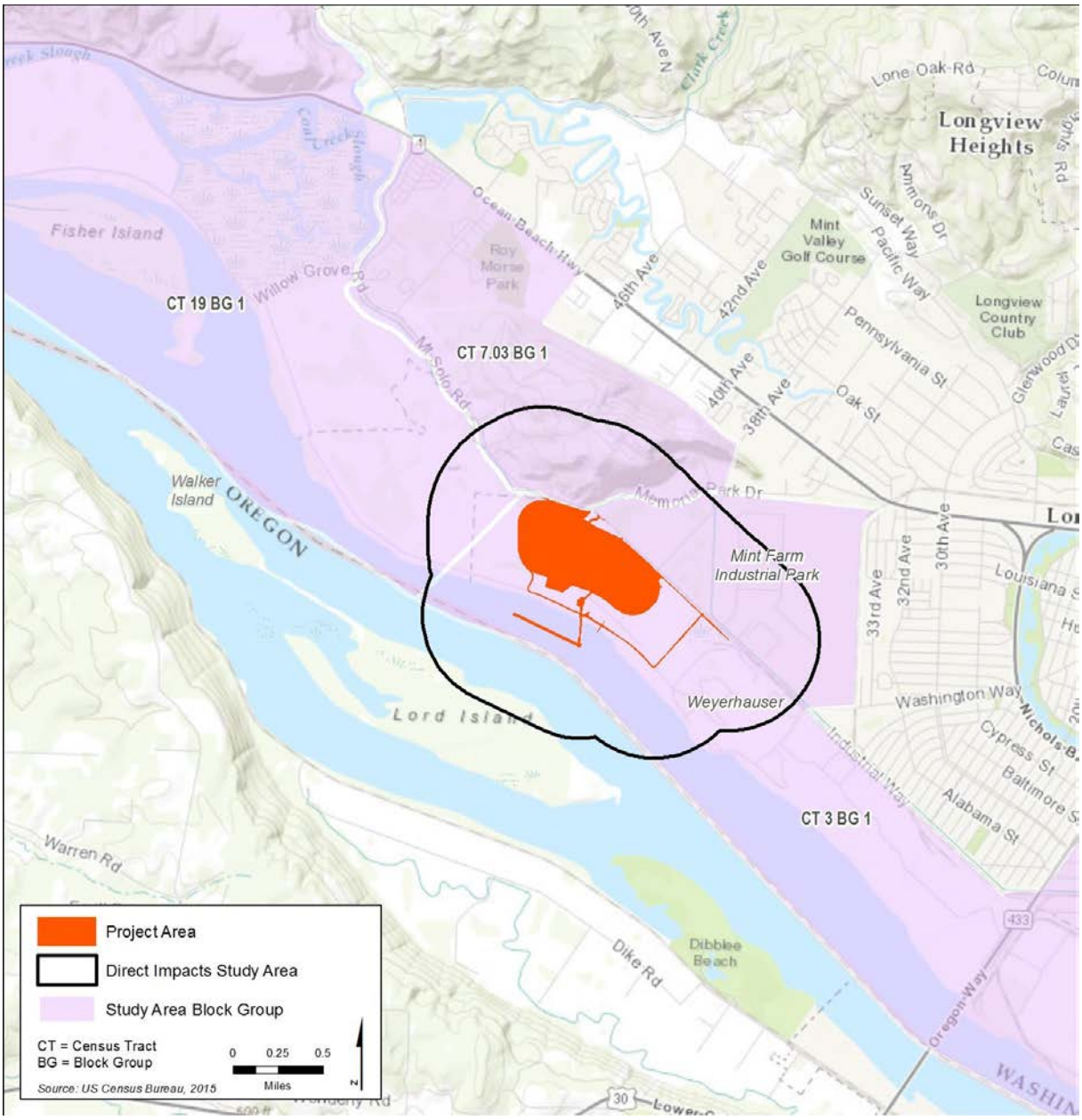
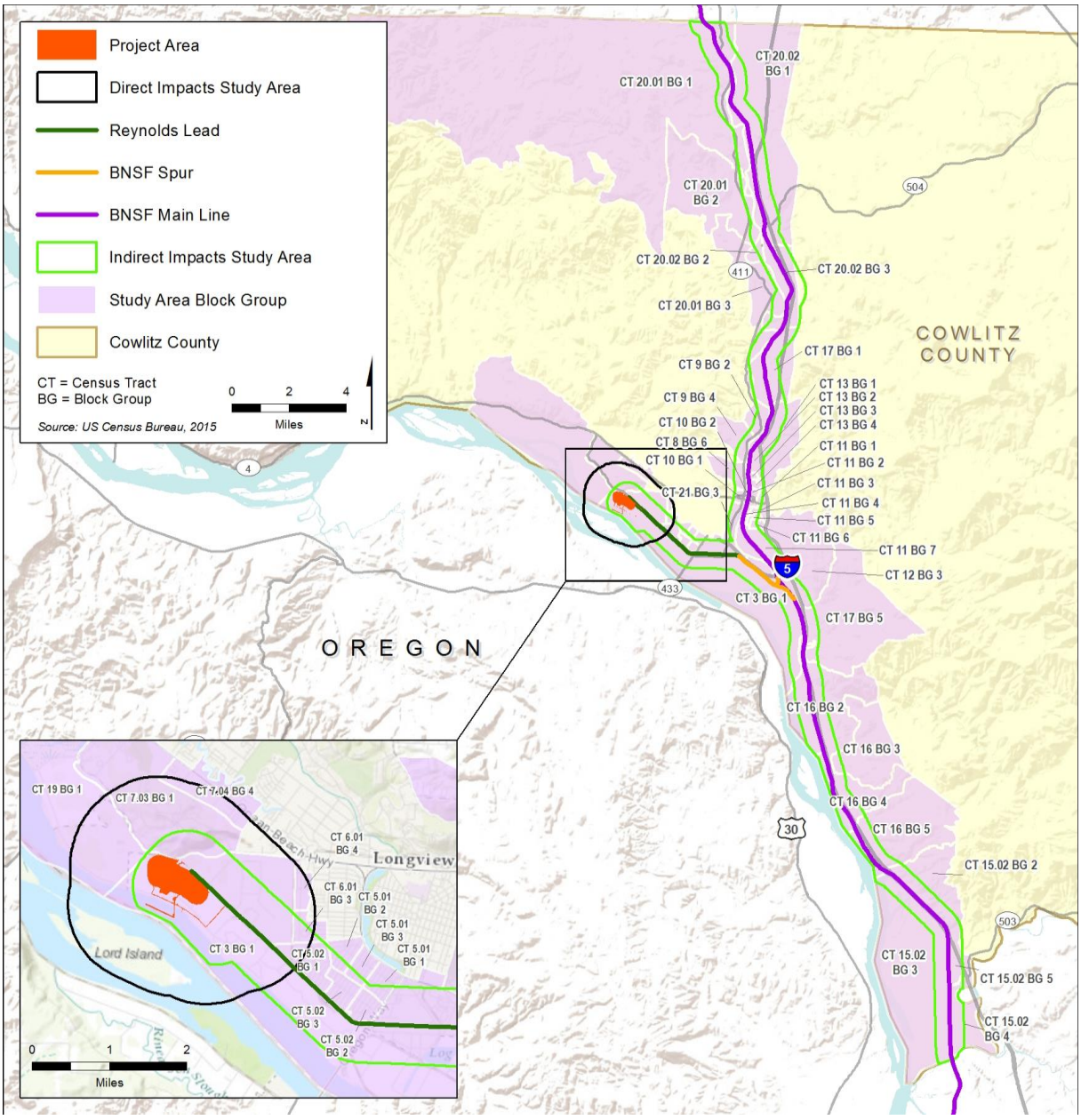


Figure 6. Minority and Low-Income Populations Study Area



Chapter 2
Existing Conditions

This chapter explains the methods for assessing the existing conditions and determining impacts, and describes the existing conditions in the study area as they pertain to social and community resources.

2.1 Methods

This section describes the sources of information and methods used to characterize the affected environment and evaluate the potential impacts of the Proposed Action and No-Action Alternative on social/community cohesion and public services, minority and low-income populations, and utilities.

2.1.1 Data Sources

The following sources of information were used to evaluate the social/community cohesion and public services, minority and low-income populations, and utilities characteristics of the study areas.

- U.S. Census Bureau, Census 2000 and 2010 data and 2009–2013 American Community Survey (ACS) data available on American FactFinder (http://factfinder.census.gov/).
- State of Washington Office of Financial Management (http://www.ofm.wa.gov/).
- Cowlitz-Wahkiakum Council of Governments (http://www.cwcog.org/).
- Various websites to inventory public service facilities in the study areas, including Google Maps and websites for Cowlitz County and the Cities of Castle Rock, Kelso, Woodland, and Longview.

2.1.2 Impact Analysis

The following methods were used to evaluate the potential impacts of the Proposed Action and No-Action Alternative on social/community cohesion and public services, minority and low-income populations, and utilities. For the purposes of this analysis, construction impacts are based on peak construction period and operations impacts are based on maximum throughput capacity (up to 44 million metric tons per year).

2.1.2.1 Social/Community Cohesion and Public Services

The analysis describes existing social and community cohesion in terms of the area's population characteristics, the various public services and social institutions that serve the community, and the access and linkages between the community and those services.

The analysis then evaluates if the alternatives could affect social and community cohesion by altering population characteristics, dividing or isolating a neighborhood, or separating residents from public services by changing travel patterns. This evaluation considers the location of public services in the study areas relative to characteristics of the alternatives. Impacts on social and community cohesion occur when an action:

- Divides or isolates part of a neighborhood.
- Displaces or alters a public service facility, such as an educational facility, library, public park, or recreational facility.
- Generates substantial new development or changes property values leading to the displacement of substantial portions of the existing community.

Impacts on public services occur when an action introduces a new population or service demand that affects the services delivered by a public service facility, or if an action separates residents from public services by changing travel patterns or access to the service.

2.1.2.2 Minority and Low-Income Populations

The assessment of minority and low-income populations for the alternatives was based on the CEQ guidance identified above and involved six basic steps.

1. Identify the areas where the alternatives could cause adverse impacts either during construction or operation (i.e., the study area described in Section 1.3, *Study Areas*).
2. Compile minority and low-income data for the census block groups within the study areas and identify minority and low-income populations
3. Identify the alternatives' potential adverse effects on minority and/or low-income populations.
4. Evaluate the alternatives' potential adverse effects on minority and/or low-income communities relative to the effects on the overall population to determine if potential adverse effects on those communities would be disproportionately high and adverse.
5. Discuss mitigation measures for any identified disproportionate adverse effects.
6. Describe the public outreach and participation process for effectively engaging minority and low-income populations in the decision-making process.

Identification of Minority and Low-Income Populations

Census block groups were selected as the geographic unit for analysis to avoid artificially diluting or inflating the affected populations, consistent with CEQ guidance. As shown in Figure 5, the study area for direct and indirect impacts includes 46 census block groups.

Data on race, ethnicity, and poverty status were gathered from the U.S. Census Bureau's 2009–2013 ACS for the census block groups in the study area. For comparison purposes, data for the City of Longview and Cowlitz County were also compiled. Based on census data and CEQ guidance, potential minority and low-income communities were identified as follows.

- **Minority communities**: CEQ guidance defines minorities to include American Indians or Alaskan Natives, Asian and Pacific Islanders, African Americans or Black persons, and Hispanic persons. This analysis also considers minority populations to include persons who identified themselves as being either "some other race" or "two or more races" in the 2009–2013 ACS. Following CEQ guidance, minority populations were identified where either: (1) the minority population of the affected area exceeds 50%; or (2) the minority population percentage of the affected area is meaningfully greater than the minority population percentage in the general population or other appropriate comparison unit of geographic analysis (Council on Environmental Quality 1997). For the purposes of this analysis, *meaningfully greater* is

interpreted as *at least 50% greater*. This analysis used Cowlitz County as the primary comparison area. In Cowlitz County, the minority population in the 2009–2013 ACS was 14.6% of the total population. Therefore, this analysis considers any study area block group with a minority population of greater than 21.9% to be a minority community.

- **Low-income communities:** The study defines low-income populations as the percent of individuals living below the poverty level in each census block group, as presented in the 2009–2013 ACS. CEQ guidance does not specify a threshold for identifying clusters of low-income populations. Therefore, for this analysis, any census block group with a percentage of low-income population at least 50% greater than the percentage in Cowlitz County as a whole was considered a low-income community. In Cowlitz County, the low-income population (the population with incomes below the poverty level) is approximately 17.6% of the total population. Therefore, low-income communities were identified where the census block group population living below the poverty level exceeds 26.4%.

Identification of Potential Disproportionately High and Adverse Effects

The technical reports and the resource sections in the environmental impact statement (EIS) present the impacts resulting from construction and operation of the alternatives. These impacts were evaluated for their potential to result in disproportionately high and adverse effects on minority and low-income populations. The determination of the alternatives' potential to result in disproportionately high and adverse effects involved the following considerations.

- If the adverse project impact is considered significant.
- If the impacts on minority or low-income populations would appreciably exceed, or would be likely to appreciably exceed, the risk or rate to the general population.
- If the minority or low-income population would be affected by cumulative or multiple adverse exposures from environmental hazards.[1]

In making this determination following CEQ guidance, it was recognized that impacts on minority or low-income populations may be different from impacts on the general population (e.g., due to a community's distinct cultural practices, such as a pattern of living that relies on subsistence fish, vegetation, or wildlife consumption). The determination of disproportionately high and adverse effects also involved consideration of proposed mitigation measures and offsetting benefits.

2.1.2.3 Utilities

The assessment of utilities in this report focuses on water utilities, including potable water and wastewater service, and electrical utilities. Electricity and natural gas consumption are addressed in the SEPA Energy and Natural Resources Technical Report (ICF 2017a). The evaluation assesses whether the alternatives would have the potential to affect utility service directly by altering the water supply or wastewater conveyance system or electrical utilities. The evaluation also assesses the potential for indirect impacts from new demands on water supply capacity and/or wastewater treatment capacity.

[1] According to CEQ guidance, the term "environmental hazard" means a chemical, biological, physical, or radiological agent, situation, or source that has the potential for deleterious effects to the environment and/or human health.

2.2 Existing Conditions

The existing environmental conditions related to social/community cohesion and public services, minority and low-income populations, and utilities in the study areas are described below.

2.2.1 Social/Community Cohesion and Public Services

This section describes social and community cohesion in terms of population, the various public services and social institutions that serve the community, and the access and linkages between the community and those services.

The direct impacts study area (project area and within 0.5 mile of the project area) is characterized by predominantly industrial and transportation/utility land uses, along with limited residential uses to the north of Mount Solo Road. The area east of the project areas is part of a wide corridor of industrial land uses along the Columbia River. Notable uses within the direct impacts study area include the Weyerhaeuser Company lumber products manufacturing site/North Pacific Paper Corporation (NORPAC) facility and Mint Farm Industrial Park. The area west of the project areas is Barlow Point, which includes an undeveloped parcel owned by the Port of Longview, the closed Mount Solo Landfill, and large-lot residential and agricultural land uses south of Industrial Way. Neighborhood areas in the direct impacts study area include Barlow Point, Memorial Park, and Mint Farm (City of Longview 2007).

The indirect impacts study area along the Reynolds Lead and BNSF Spur (within 0.5 mile of these rail lines) includes the Highlands neighborhood and the Industrial and California Way neighborhood in Longview. The Highlands neighborhood is predominantly residential. The Industrial and California Way neighborhood includes a mix of commercial and industrial uses. On the BNSF main line, the indirect impacts study area (within 0.5 mile of this rail line) includes undeveloped and low-density rural land uses, and urban areas, including Castle Rock, Kelso, Carrolls, Kalama, and Woodland.

2.2.1.1 Population Characteristics

Population characteristics for the study area—including local population, population projections, age distribution, households, family composition, race and ethnicity, limited English proficiency, disability status, median household income and poverty status, and housing characteristics—are described in the following sections.

Population

Table 2 presents the population for the direct impacts study area, Longview, and Cowlitz County in 2000, 2010, and 2013. In 2013, the direct impacts study area had a population of approximately 2,964, compared to 36,656 in Longview and 102,110 in Cowlitz County. The population of the direct impacts study area has declined by approximately 3% since 2000. In comparison, the populations of both Longview and Cowlitz County grew from 2000 to 2010 and remained flat from 2010 to 2013.

Table 2. Population: 2000, 2010, and 2013 Estimates

Area	Population 2000	Population 2010	Percent (%) Change 2000–2010	Population 2013	Percent (%) Change 2010–2013
Direct Impacts Study Area (Project Area and Within 0.5 mile of the Project Area)					
Census Tract 3, Block Group 1[a]	868	509	-41.4	570	12.0
Census Tract 7.03, Block Group 1[b]	1,367	1,601	--	1,373	-14.2
Census Tract 19, Block Group 1	827	956	15.6	1,021	6.8
	3,062	**3,066**	**0.1**	**2,964**	**-3.3**
Longview	**34,660**	**36,648**	**5.7**	**36,656**	**0.0**
Cowlitz County	**92,948**	**102,410**	**10.2**	**102,110**	**-0.3**

Notes:
Census Tract and Block Groups are shown on Figure 5.

[a] The drop in population in this census tract is largely due to the displacement of mobile home units in the area from 2000 to 2010. In particular, the 166-space River City RV and Mobile Home Park, located near the corner of California Way and 7th Avenue, closed in 2009 to make way for the development of a Super Walmart.

[b] Census Tract 7.03 Block Group 1 applies to demographic data for 2010 and 2013. In the 2000 Census, this area is closely approximated by Census Tract 7.01 Block Group 4. The 2000 Census data is presented for informational purposes, but a percent change is not presented because the geographic areas are not identical.

Sources: U.S. Census Bureau 2000, U.S. Census Bureau 2010, U.S. Census Bureau 2013

Population Projections

Table 3 shows the population projections of the Washington State Office of Financial Management for Cowlitz County to 2040 (Washington State Office of Financial Management 2012). The population of Cowlitz County is projected to grow by approximately 6% from 2010 to 2020 and then experience lower growth rates from 2020 to 2030 and 2030 to 2040. In 2040, the population of Cowlitz County is projected to be 116,897 people, compared to 102,410 people in 2010. Over the coming decades, it is expected that the age distribution in Cowlitz County will shift, with an increase in the elderly population (age 65 and over) and a decrease in the school-age population (age 0 to 17) (Cowlitz County Department of Building and Planning 2015). It is also expected that the proportion of the population with a disability will increase as the share of elderly population increases.

Table 3. Cowlitz County Population Projections to 2040

Area	Population 2010	Population 2020	Population 2030	Population 2040	Percent Change 2010–2040
Cowlitz County	102,410	108,588	114,158	116,897	14.1
Percent Change over Previous 10 Years	--	6.0	5.1	2.4	--

Source: Washington State Office of Financial Management 2012

Age Distribution

Table 4 presents the age distribution of the population in 2013 for the direct impacts study area, Longview, and Cowlitz County. In 2013, most of this population was between 18 and 64 in age, generally considered working age. Compared to both Longview and Cowlitz County, the direct

impacts study area had a smaller proportion of people age 17 and under and a greater proportion age 65 and over.

Table 4. 2013 Age Distribution

Area	Total Population	School-Age (0–17)		Working Age (18–64)		Age 65 and Over	
		Number	%	Number	%	Number	%
Direct Impacts Study Area (Project Area and within 0.5 mile of the Project Area)							
Census Tract 3, Block Group 1	570	135	23.7	314	55.1	121	21.2
Census Tract 7.03, Block Group 1	1,373	240	17.5	726	52.9	407	29.6
Census Tract 19, Block Group 1	1,021	209	20.5	656	64.3	156	15.3
	2,964	**584**	**19.7**	**1,696**	**57.2**	**684**	**23.1**
Longview	**36,656**	**8,348**	**22.8**	**21,720**	**59.3**	**6,588**	**18.0**
Cowlitz County	**102,110**	**24,399**	**23.9**	**61,087**	**59.8**	**16,624**	**16.3**

Note: Census Tract and Block Groups are shown on Figure 5.
Source: U.S. Census Bureau 2013

Households

Table 5 shows the number of households and average household size in the direct impacts study area, Longview, and Cowlitz County. In 2013, there were approximately 1,321 households in the direct impacts study area, a 3.7% increase since 2000. In Longview and Cowlitz County, there were approximately 15,000 and 39,602 households, respectively. Compared to the direct impacts study area, the number of households in both Longview and Cowlitz County increased by a greater percentage from 2000 to 2013.

Table 5. 2013 Households and Average Household Size

Area	Households 2000	Households 2013	Percent Change 2000–2013	Average Household Size 2000	Average Household Size 2013
Direct Impacts Study Area (Project Area and Within 0.5 mile of the Project Area)					
Census Tract 3, Block Group 1[a]	446	273	-38.8	1.95	2.09
Census Tract 7.03, Block Group 1[b]	515	660	--	2.65	2.07
Census Tract 19, Block Group 1	313	388	24.0	2.64	2.63
	1,274	**1,321**	**3.7**	**2.40**	**2.24**
Longview	**14,066**	**15,000**	**6.6**	**2.40**	**2.39**
Cowlitz County	**35,850**	**39,602**	**10.5**	**2.55**	**2.55**

Notes:
Census Tract and Block Groups are shown on Figure 5.

[a] The reduction in number of households in this census tract is largely due to the displacement of mobile home units in the area from 2000 to 2010. In particular, the 166-space River City RV and Mobile Home Park, located near the corner of California Way and 7th Avenue, closed in 2009 to make way for the development of a Super Walmart.

[b] Census Tract 7.03 Block Group 1 applies to demographic data for 2010 and 2013. In the 2000 Census, this area is closely approximated by Census Tract 7.01 Block Group 4. The 2000 Census data is presented for informational purposes, but a percent change is not presented because the geographic areas are not identical.

Sources: U.S. Census Bureau 2000, U.S. Census Bureau 2010, U.S. Census Bureau 2013

Family Composition

Table 6 presents the family composition of the population in the direct impacts study area, Longview, and Cowlitz County. In census data, a family consists of two or more people related by birth, marriage, or adoption residing in the same housing unit. In 2013, approximately 20 to 25% of the families in all three areas were married couples with children under age 18, and approximately half of all families were married couples without children under age 18. In the direct impacts study area, approximately 12.6% of families were led by single parents with children under age 18, compared to approximately 17% in Longview and 15% in Cowlitz County overall.

Table 6. 2013 Family Composition

Area	Total Families	Percent of Total Families: Married Couple, with Children Under 18	Married Couple, No Children Under 18	Single Parent, with Children Under 18	Single Parent, No Children Under 18
Direct Impacts Study Area (Project Area and Within 0.5 mile of the Project Area)					
Census Tract 3, Block Group 1	101	25.7	29.7	26.7	17.8
Census Tract 7.03, Block Group 1	381	22.6	54.1	11.5	11.8
Census Tract 19, Block Group 1	286	18.9	67.1	9.1	4.9
	768	**21.6**	**55.7**	**12.6**	**10.0**
Longview	**9,125**	**22.5**	**48.9**	**17.3**	**11.3**
Cowlitz County	**26,726**	**24.6**	**51.1**	**15.0**	**9.3**

Note: Census Tract and Block Groups are shown on Figure 5.
Source: U.S. Census Bureau 2013

Race and Ethnicity

Population characteristics related to race and ethnicity are presented in Section 2.2.2, *Minority and Low-Income Populations*, below.

Limited English Proficiency

Table 7 shows the percentage of the population over age 5 with limited English proficiency in the direct impacts study area, Longview, and Cowlitz County. In all three areas, a low percentage of the population over age 5 has limited English proficiency; approximately 3% of the population of the direct impacts study area, Longview, and Cowlitz County, has limited English proficiency.

Table 7. Limited English Proficiency, 2013

Area	Population Age 5 and Over	Population Age 5 and Over with Limited English Proficiency[a]	Percentage Population with Limited English Proficiency[a]
Direct Impacts Study Area (Project Area and Within 0.5 mile of the Project Area)			
Census Tract 3, Block Group 1	513	59	11.5
Census Tract 7.03, Block Group 1	1,270	31	2.4
Census Tract 19, Block Group 1	971	0	0.0
	2,754	**90**	**3.3**
Longview	**34,354**	**1,194**	**3.5**
Cowlitz County	**95,579**	**2,939**	**3.1**

Note:
Census Tract and Block Groups are shown on Figure 5.
[a] Limited English proficiency includes individuals who speak English less than very well (defined as "well," "not well," or "not at all" in Census data.
Source: U.S. Census Bureau 2013

Disability Status

Table 8 presents the disability status for the population age 16 to 64 in the direct impacts study area, Longview, and Cowlitz County.[2] In 2013, the direct impacts study area had a higher percentage of the population with a disability (approximately 28.6%) compared to both Longview (20.9%) and Cowlitz County (17.5%).

[2] In the ACS, disability data includes any respondent who reports having any one of the following six disability types: hearing difficulty, vision difficulty, cognitive disability, ambulatory disability, self-care difficulty, or independent living disability.

Table 8. Population with Disability, 2013

Area	Population Age 16–64	Percent with a Disability
Direct Impacts Study Area (Project Area and Within 0.5 mile of the Project Area)		
Census Tract 3, Block Group 1	335	33.4
Census Tract 7.03, Block Group 1	749	23.0
Census Tract 19, Block Group 1	683	32.5
	1,767	**28.6**
Longview	**22,559**	**20.9**
Cowlitz County	**63,915**	**17.5**

Note: Census Tract and Block Groups are shown on Figure 5.
Source: U.S. Census Bureau 2013

Median Household Income and Poverty Status

Table 9 presents the median household income and the proportion of individuals living below the poverty level for the direct impacts study area block groups, Longview, and Cowlitz County. In 2013, the median household income for the direct impacts study area block groups ranged from approximately $12,072 to approximately $48,000, compared to approximately $39,422 in Longview and approximately $47,596 in Cowlitz County overall. The study area block groups, Longview, and Cowlitz County all experienced substantial decreases in median household income from 1999 to 2013 and increases in the percentage of individuals living below the poverty level. The percentage of individuals below the poverty level in the study area block groups ranged from approximately 23.5 to 44.7%, compared to 22.6% in Longview and 17.6% in Cowlitz County overall. Census Tract 3, Block Group 1, in the direct impacts study area, had the lowest median household income and highest percentage of the population living below the poverty level in both 1999 and 2013. In general, the decreases in median household income shown in Table 9 are indicative of the decline in total manufacturing jobs and the average manufacturing wage, part of a larger trend in declining, inflation-adjusted incomes in Cowlitz County (City of Longview 2006).

Table 9. Median Household Income and Poverty Status, 1999 and 2013

Area	Median Household Income			Percent of Individuals Below Poverty Level[d]	
	1999[a]	2013[a]	Percent Change	1999	2013
Direct Impacts Study Area (Project Area and Within 0.5 mile of the Project Area)					
Census Tract 3, Block Group 1[b]	$25,703	$12,072	-53.0	28.1	44.7
Census Tract 7.03, Block Group 1[c]	$52,958	$39,848	--	20.8	23.7
Census Tract 19, Block Group 1	$84,037	$48,000	-42.9	7.3	23.5
Longview	**$49,107**	**$39,422**	**-19.7**	**16.7**	**22.6**
Cowlitz County	**$55,566**	**$47,596**	**-14.3**	**14.0**	**17.6**

Sources: U.S. Census Bureau 2000, U.S. Census Bureau 2013

Notes:

Census Tract and Block Groups are shown on Figure 5.

[a] The 2013 ACS data reflects incomes over 2009 to 2013. Census 2000 reflects income data over the prior calendar year (1999). The median household income is presented in inflation-adjusted 2013 dollars using the U.S. Department of Labor's Annual 2013 Consumer Price Index for the "West Area."

[b] The reduction in median household income in this census tract is largely due to the displacement of mobile home units in the area from 2000 to 2010. In particular, the 166-space River City RV and Mobile Home Park, located near the corner of California Way and 7th Avenue, closed in 2009 to make way for the development of a Super Walmart.

[c] Census Tract 7.03 Block Group 1 applies to demographic data for 2013. In the 2000 Census, this area is closely approximated by Census Tract 7.01 Block Group 4. The 2000 Census data is presented for informational purposes, but a percent change is not presented because the geographic areas are not identical.

[d] Percent of individuals with incomes below poverty level, as established by the U.S. Census Bureau.

Housing Characteristics

Table 10 presents housing unit characteristics for the direct impacts study area, Longview, and Cowlitz County. In 2013, there were approximately 1,386 housing units in the direct impacts study area, of which approximately 95.3% were occupied. The occupancy rate in the direct impacts study area was higher than in Longview and Cowlitz County, but the direct impacts study area lost almost 45% of its housing units between 2000 and 2013. In 2013, there were approximately 16,415 housing units in Longview and approximately 43,356 housing units in Cowlitz County. In both areas, the occupancy rate was approximately 91%.

Table 10. Housing Characteristics, 2000 and 2013

Area	Housing Units			2013 Occupancy Status		2013 Tenure, All Occupied Units	
	2000	2013	% Change	% Occupied	% Vacant	% Owner-Occupied	% Renter-Occupied
Direct Impacts Study Area (Project Area and Within 0.5 mile of the Project Area)							
Census Tract 3, Block Group 1[a]	524	289	-44.8	94.5	5.5	49.5	50.5
Census Tract 7.03, Block Group 1[b]	609	709	--	93.1	6.9	78.6	21.4
Census Tract 19, Block Group 1	333	388	16.5	100.0	0.0	63.7	36.3
	1,466	**1,386**	**-5.5**	**95.3**	**4.7**	**68.2**	**31.8**
Longview	**15,225**	**16,415**	**7.8**	**91.4**	**8.6**	**56.0**	**44.0**
Cowlitz County	**38,624**	**43,356**	**12.3**	**91.3**	**8.7**	**66.2**	**33.8**

Note:
Census Tract and Block Groups are shown on Figure 5.

[a] The reduction in number of housing units in this census tract is largely due to the displacement of mobile home units in the area from 2000 to 2010. In particular, the 166-space River City RV and Mobile Home Park, located near the corner of California Way and 7th Avenue, closed in 2009 to make way for the development of a Super Walmart.

[b] Census Tract 7.03 Block Group 1 applies to demographic data for 2013. In the 2000 Census, this area is closely approximated by Census Tract 7.01 Block Group 4. The 2000 Census data is presented for informational purposes, but a percent change is not presented because the geographic areas are not identical.

Source: U.S. Census Bureau 2013

2.2.1.2 Public Services

For the purposes of this assessment, public services include educational facilities, religious institutions, social institutions (e.g., veterans groups), medical facilities, fire protection and emergency medical services, police services, cemeteries, public park and recreation facilities, and other notable public services and government institutions. This section identifies the existing public service facilities located within the direct and indirect impacts study areas.

As shown on Figure 7, there are no public services located within the direct impacts study area.

There are several facilities located within indirect impacts study area (Figures 7, 8, and 9). Appendix A lists the public service facilities within the study area, and Table 11 presents a summary of this list. The indirect impacts study area includes undeveloped and low-density rural land uses, and urban areas, including Castle Rock, Longview, Kelso, Carrolls, Kalama, and Woodland. In general, most public facilities are clustered within and around these urban areas.

Figure 7. Public Services in the Study Area—Project Areas

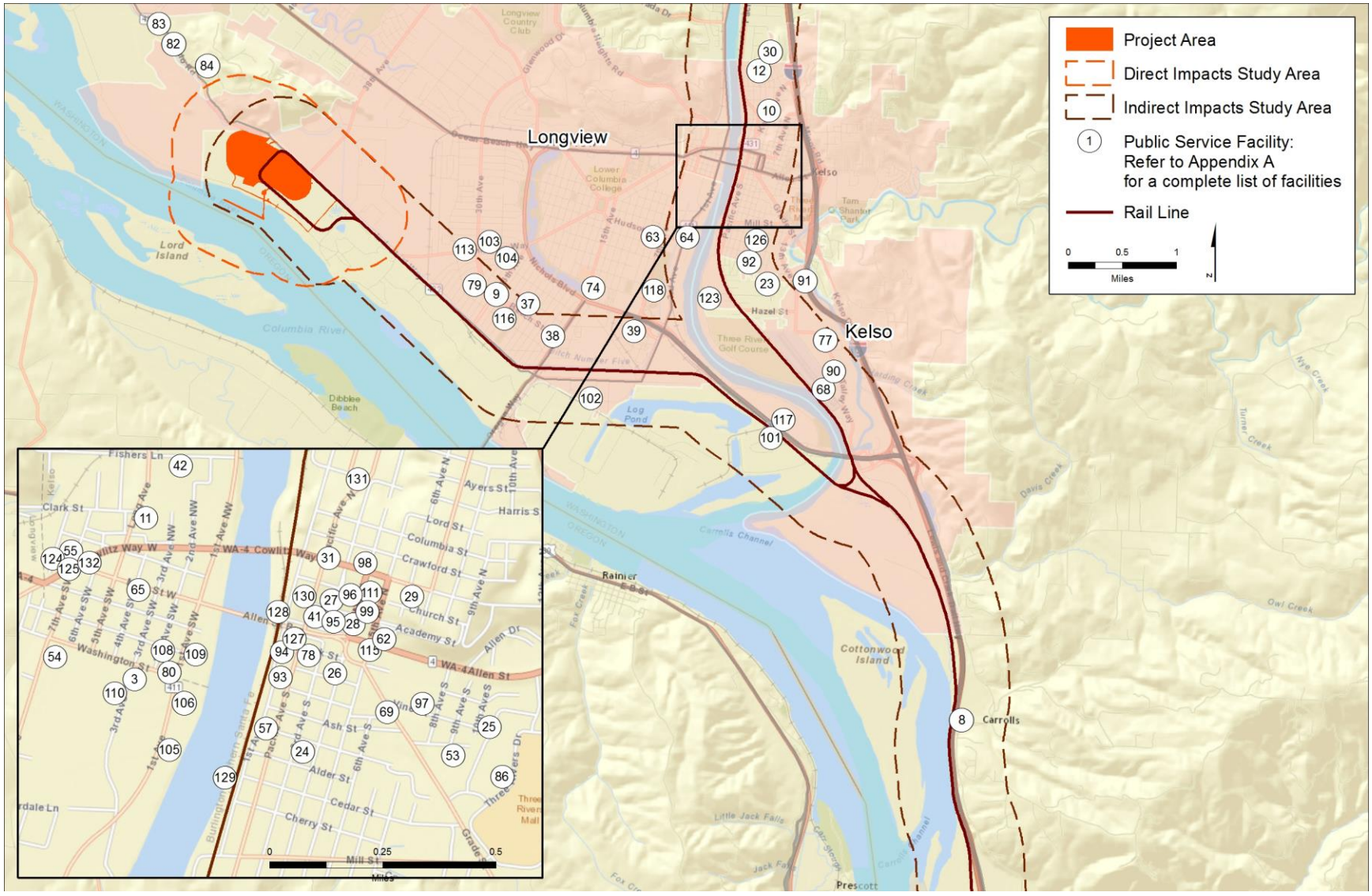


Figure 8. Public Services in the Study Area—Rail Main Line North

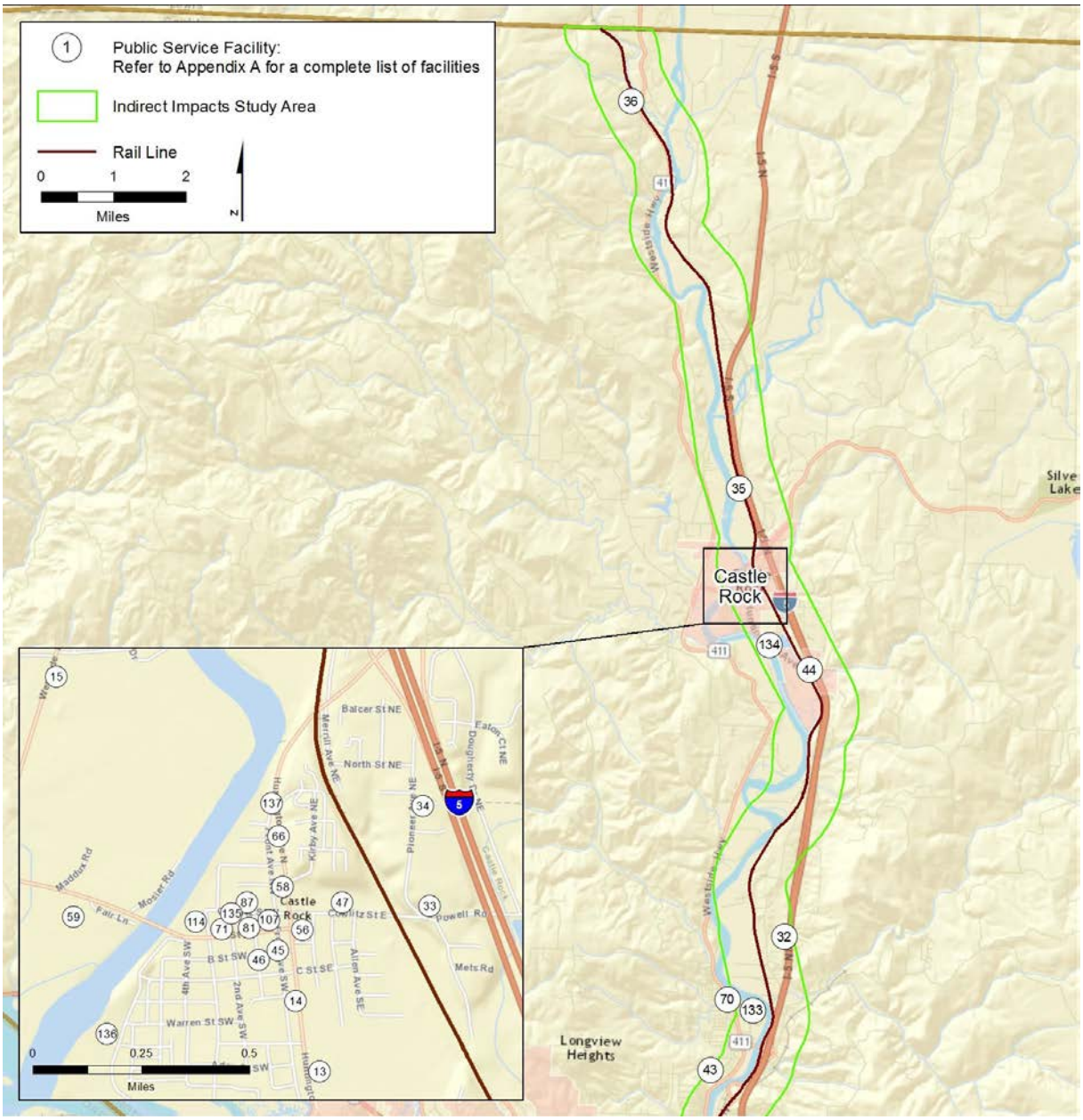
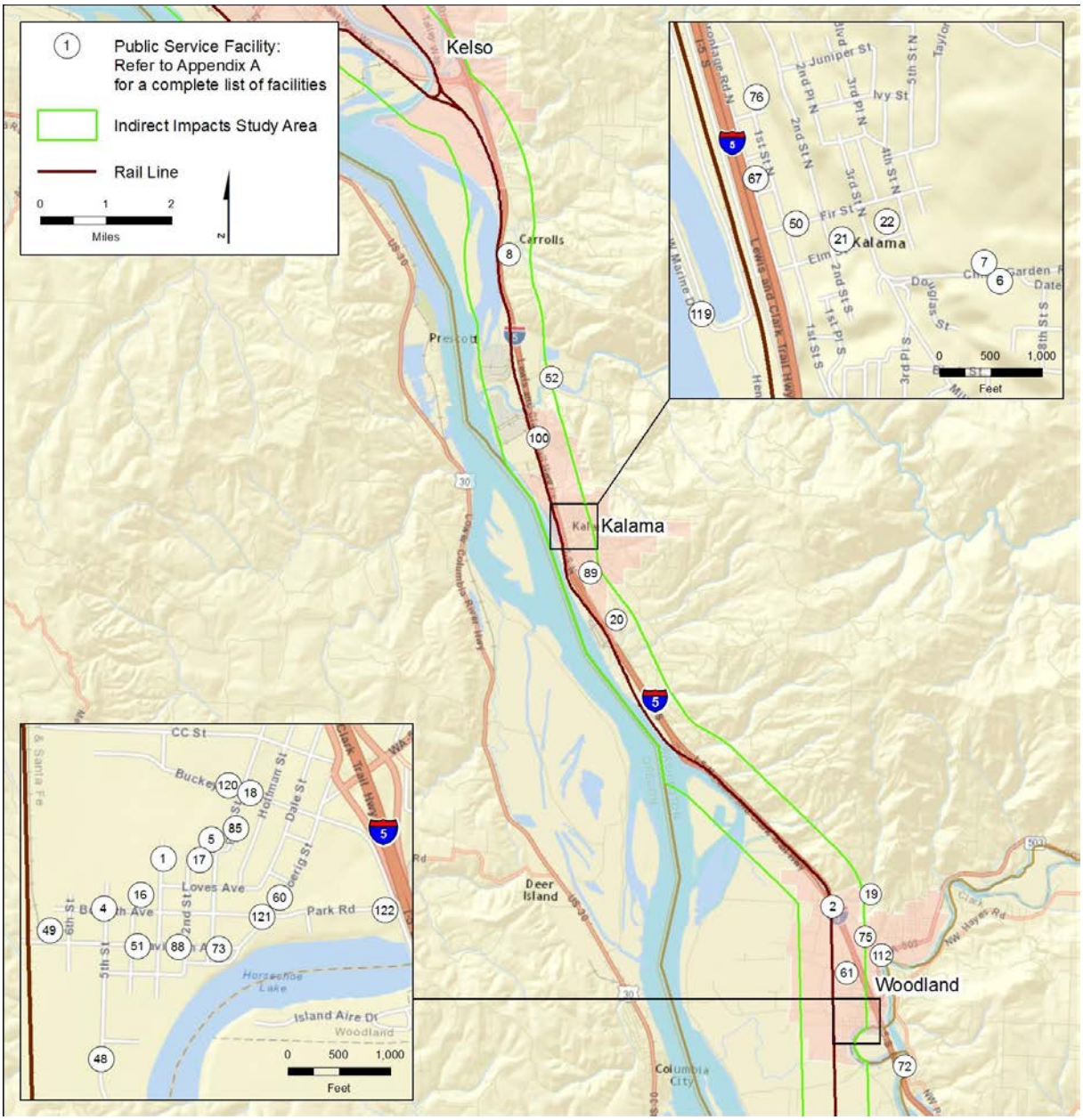


Figure 9. Public Services in the Study Area—Rail Main Line South



Transportation services (such as roads and pedestrian, bicycle, and transit facilities) that provide access and linkages to and among these facilities are discussed below. In addition, fire protection services are discussed in more detail below.

Table 11. Public Service Facilities in the Indirect Impacts Study Area (within 0.5 Mile of the Reynolds Lead, BNSF Spur, and BNSF Main Line)

	Area					
Type of Facility	**Longview**	**Kelso**	**Kalama**	**Castle Rock**	**Woodland**	**Unincorporated Cowlitz County**
Educational Facility	2	3	2	3	4	1
Religious Institution	4	11	2	6	3	6
Social Institution	1	4	1	3	3	0
Medical Facility	2	2	0	1	2	0
Fire Protection	1	2	1	1	1	2
Police Facility	1	3	1	1	1	0
Cemetery	0	0	0	0	0	3
Library	0	1	0	1	1	0
Park and Recreation Facility	3	10	1	4	3	1
Other	7	14	2	2	2	1
Total	**21**	**50**	**10**	**22**	**20**	**14**

Access and Linkages

A variety of roadway, pedestrian, transit, and bicycle transportation facilities provide access to and among the various public service facilities. Local roadways, Interstate 5 (I-5), and state highways provide access to public service facilities and between the various urban areas within Cowlitz County. In general, pedestrian access is better in the downtown urban areas located along the rail line, such as in Longview and Kelso, than in more rural, suburban, and industrial areas.

River Cities Transit provides public transit throughout the Longview/Kelso area. The closest transit route to the project areas is Route 31, which runs along 32nd Avenue, Washington Way, and Alabama Street into downtown Longview. The nearest portion of Route 31 is approximately 1 mile from the project areas. Route 33 and Route 44 both run along Ocean Beach Highway and are approximately 1 to 2 miles from the Proposed Action project area. Frequent and comprehensive transit service is a critical support service to residents with no access to a vehicle, especially those who are low-income, homeless, and/or reliant on public transit (River Cities Transit 2015). However, no fixed transit routes directly serve the project areas, nor do any routes cross the Reynolds Lead.

Within Cowlitz County, there are various bicycle trails in parks and along certain waterfront areas. Several bicycle trails are located along the Columbia and Cowlitz rivers; however, there are no designated bicycle trails in the direct impacts study areas. The following bicycle trails may provide access to public services (as opposed to closed loop trails within small parks) within the study area.

- **Coweeman River Trail** runs along the Coweeman River in Kelso and is near Kelso High School, Coweeman Middle School, and Three Rivers Mall. The southernmost portion of the trail near the confluence with the Cowlitz River is within the study area.
- **Cowlitz Dike Trail** runs between the Cowlitz River and the BNSF Railway through downtown Kelso. This trail provides access to public services within downtown Kelso and Longview.

- **East and West Riverfront Trails** run on both sides of the Cowlitz River in Castle Rock and provide access to public services within Castle Rock. The northern and southern portions of this trail are within the study area.
- **Kalama Industrial Trail and Kalama Marine Park Trail.** The Kalama Marine Park trail runs along the Kalama waterfront between the Columbia River and the BNSF Railway through Kalama Marine Park. The Kalama Industrial Trail connects industrial areas within the Port of Kalama to the Columbia River.
- **Highlands Trail** runs along the residential side of Industrial Way from State Route 433/Oregon Way to 32nd Avenue and Washington Way. This trail provides access from residential areas to industrial areas along the Columbia River. (Cowlitz on the Move n.d.)

Fire Protection and Emergency Medical Services

The Cowlitz 2 Fire & Rescue District, the Longview Fire Department, and American Medical Response (AMR) provide emergency medical services (EMS) and fire protection for the project areas.

Cowlitz 2 Fire & Rescue

Cowlitz 2 Fire & Rescue provides fire protection services to the project area, and serves approximately 34,000 citizens in the city of Kelso and unincorporated Cowlitz County, responding to approximately 4,100 calls per year (Cowlitz 2 Fire & Rescue 2015). The district is staffed by approximately 120 full-time and volunteer members in five active fire stations, two of which are staffed with full-time EMT and paramedic firefighters. Volunteer firefighter EMTs also respond on an on-call basis. The district includes the following stations and apparatus.

- Station 21 (Headquarters) is staffed with 27 full-time personnel, and includes a main response fire engine, a volunteer/reserve ready fire engine, an advanced life support ambulance, and a reserve-ready advanced life support ambulance. This station includes three rotating shifts, 24 hours a day, 7 days a week, 365 days a year. During each shift, at least eight personnel staff a variety of apparatus.
- Station 22 (Baker's Corner) is staffed with one volunteer and includes a main response fire engine, a 3,000-gallon water supply, an EMS/wild-land response, and an EMS response/ambulance. This is all-volunteer station serves as a crucial first responder before additional help arrives.
- Station 23 (Columbia Heights) is staffed full time by firefighter/EMT, firefighter/paramedic, and volunteer personnel, and includes a main response fire engine, an EMS/wild-land response, an advanced life support ambulance, a basic life support ambulance, and a hazardous materials response apparatus.
- Station 24 (Rose Valley) is staffed with one volunteer and includes a main response fire engine and an EMS/wild-land response. This is all-volunteer station serves as a crucial first responder before additional help arrives.
- Station 25 (Lexington) is staffed with two volunteers and includes an initial response fire engine, a 2,000-gallon water supply, and an EMS/wild-land response. This all-volunteer station serves as a crucial first responder before additional help arrives.

- Station 27 (Kelso) is staffed with three volunteers and includes a main response fire engine and a 3,000-gallon water supply. This all-volunteer station backs up personnel at Station 21 (Headquarters) when they are on calls.

Cowlitz 2 Fire & Rescue maintains automatic aid agreements with the Longview Fire Department (discussed below) and mutual aid agreements with all jurisdictions in Cowlitz County and others in the region (i.e., Clark County and communities in Oregon) (URS Corporation 2014).[3] Therefore, although Cowlitz 2 Fire and Rescue would be a primary responder to incidents at the project area, other facilities would also respond to incidents as needed.

American Medical Response

AMR is a private ambulance company that provides emergency and non-emergency medical transport service for the study area. AMR includes approximately 35 paramedics and EMTs, and handles an average of 7,500 calls annually (American Medical Response 2015). The medical transport vehicles are based out of the facility near the Cowlitz Way intersection with Long Avenue.

2.2.2 Minority and Low-Income Populations

This section describes the existing minority and low-income populations in the study areas that could be affected by the construction and operation of the alternatives. For direct impacts on minority and low-income populations, the study area is the project area and the area within approximately 1 mile of the project area. For indirect impacts on minority and low-income populations, the study area is the area within 0.5 mile of the affected rail lines in Cowlitz County.

2.2.2.1 Minority and Low-Income Populations

Race, ethnicity, and poverty characteristics were compiled for the study areas' block groups, Longview, and Cowlitz County as a whole. Table 12 provides the population, percent minority, and percent low-income for each block group in the study areas. Of the 46 census block groups within the study area, 16 have minority populations that exceed the 21.9% threshold (see Section 2.1.2.2, *Minority and Low-Income Populations*), ranging from 23.7 to 42.4%. In addition, 18 of the census block groups have low-income populations that exceed the 26.4% threshold, ranging from 26.6 to 57.6%. Appendix B provides detailed data on race, ethnicity, and poverty status for the study areas.

Overall, 21 of the study areas' 46 block groups are considered minority and/or low-income communities for the purposes of this analysis. The remaining 25 block groups are not considered minority or low-income.

Within the direct impacts study area, three of six block groups are identified as minority or low-income communities. These block groups are located to the east of the project areas. These block groups contain industrial uses in the areas nearest the project areas, and residential uses are located

[3] Automatic aid is assistance dispatched automatically by contractual agreement between two communities or fire districts to all first alarm structural fires. For example, Cowlitz 2 Fire & Rescue does not have a ladder truck. Therefore, they have an automatic aid agreement with Longview in the case of an apartment fire where a ladder truck is needed. That differs from mutual aid or assistance arranged case by case. Mutual aid is requested in cases that require special equipment such as technical rescue or an incident that requires more fire engines than the primary responder has available.

approximately 1 mile or more from the project areas. The nearest residences to the project areas (those located north of SR 432) are not located within a minority and/or low-income community.

Within the indirect impacts study area, 18 of 40 block groups are identified as minority or low-income communities. These block groups are located along the Reynolds Lead and BNSF Spur in Longview and along the BNSF main line primarily in Longview, Kelso, and Woodland.

During interviews conducted for the Proposed Action's public involvement plan, stakeholders expressed that the Highlands neighborhood in the City of Longview warranted environmental justice consideration under Executive Order 12898. Consistent with that recommendation, this analysis identifies the Highlands neighborhood in the City of Longview as a minority and low-income community. The Highlands neighborhood corresponds with Census Tract 5.02, Block Groups 1, 2, and 3.

Figure 10 shows the location of minority and low-income communities in the study area.

Table 12. Minority and Low-Income Populations Study Areas' Demographic Data

Census Block Group	2013 Total Population	Minority Population	Minority (Percent)	Population for Whom Poverty Status is Determined	Individuals Below Poverty Level	Individuals Below Poverty Level (Percent)
Direct Impacts Study Area (Project Area and Within 1 Mile of the Project Area)						
Census Tract 3, Block Group 1	570	202	35.4	570	255	44.7
Census Tract 6.01, Block Group 3	1,025	435	42.4	1,025	328	32.0
Census Tract 6.01, Block Group 4[a]	881	176	20.0	881	277	31.4
Census Tract 7.03, Block Group 1	1,373	207	15.1	1,373	325	23.7
Census Tract 7.04, Block Group 4	1,912	228	11.9	1,912	360	18.8
Census Tract 19, Block Group 1	1,021	20	2.0	1,021	240	23.5
Direct Impacts Study Area Census Block Groups[a]	**6,782**	**1,267**	**18.7**	**6,782**	**1,785**	**26.3**
Indirect Impacts Study Area (Within 0.5 Mile of the Reynolds Lead, BNSF Spur, and BNSF Main Line)						
Census Tract 5.01, Block Group 1	846	206	24.3	846	209	24.7
Census Tract 5.01, Block Group 2	1,047	248	23.7	1,047	222	21.2
Census Tract 5.01, Block Group 3	952	79	8.3	943	177	18.8
Census Tract 5.02, Block Group 1	1,587	526	33.1	1,587	628	39.6
Census Tract 5.02, Block Group 2	1,841	517	28.1	1,841	1,061	57.6
Census Tract 5.02, Block Group 3	1,454	384	26.4	1,454	651	44.8
Census Tract 8, Block Group 6	1,203	63	5.2	1,203	93	7.7
Census Tract 9, Block Group 2	2,980	652	21.9	2,950	163	5.5
Census Tract 9, Block Group 4	1,891	213	11.3	1,790	155	8.7
Census Tract 10, Block Group 1	899	316	35.2	899	374	41.6
Census Tract 10, Block Group 2	288	6	2.1	288	82	28.5
Census Tract 11, Block Group 1	717	69	9.6	717	173	24.1
Census Tract 11, Block Group 2	506	127	25.1	506	236	46.6
Census Tract 11, Block Group 3	704	215	30.5	704	276	39.2
Census Tract 11, Block Group 4	579	78	13.5	579	161	27.8
Census Tract 11, Block Group 5	1,361	488	35.9	1,361	511	37.5
Census Tract 11, Block Group 6	716	91	12.7	716	177	24.7

Census Block Group	2013 Total Population	Minority Population	Minority (Percent)	Population for Whom Poverty Status is Determined	Individuals Below Poverty Level	Individuals Below Poverty Level (Percent)
Census Tract 11, Block Group 7	714	120	16.8	714	241	33.8
Census Tract 12, Block Group 3	1,338	147	11.0	1,338	238	17.8
Census Tract 13, Block Group 1	977	35	3.6	977	210	21.5
Census Tract 13, Block Group 2	899	262	29.1	899	240	26.7
Census Tract 13, Block Group 3	752	150	19.9	752	88	11.7
Census Tract 13, Block Group 4	983	261	26.6	983	470	47.8
Census Tract 15.02, Block Group 2	934	129	13.8	934	58	6.2
Census Tract 15.02, Block Group 3	599	142	23.7	599	346	57.8
Census Tract 15.02, Block Group 4	1,602	525	32.8	1,541	215	14.0
Census Tract 15.02, Block Group 5	504	135	26.8	504	194	38.5
Census Tract 16, Block Group 2	881	47	5.3	881	68	7.7
Census Tract 16, Block Group 3	1,510	27	1.8	1,510	64	4.2
Census Tract 16, Block Group 4	1,470	263	17.9	1,465	167	11.4
Census Tract 16, Block Group 5	2,233	167	7.5	2,119	237	11.2
Census Tract 17, Block Group 1	535	0	0.0	535	58	10.8
Census Tract 17, Block Group 5	1,900	246	12.9	1,878	91	4.8
Census Tract 20.01, Block Group 1	847	150	17.7	819	218	26.6
Census Tract 20.01, Block Group 2	1,172	66	5.6	1,153	14	1.2
Census Tract 20.01, Block Group 3	1,083	49	4.5	1,058	36	3.4
Census Tract 20.02, Block Group 1	1,378	161	11.7	1,378	167	12.1
Census Tract 20.02, Block Group 2	1,294	208	16.1	1,294	156	12.1
Census Tract 20.02, Block Group 3	1,031	0	0.0	1,031	35	3.4
Census Tract 21, Block Group 3	1,164	209	18.0	651	115	17.7
Indirect Impacts Study Area Census Block Groups[b]	**45,371**	**7,777**	**17.1**	**44,444**	**9,075**	**20.4**
Longview	**36,656**	**6,759**	**18.4**	**35,938**	**8,133**	**22.6**
Cowlitz County	**102,110**	**14,896**	**14.6**	**100,782**	**17,750**	**17.6**

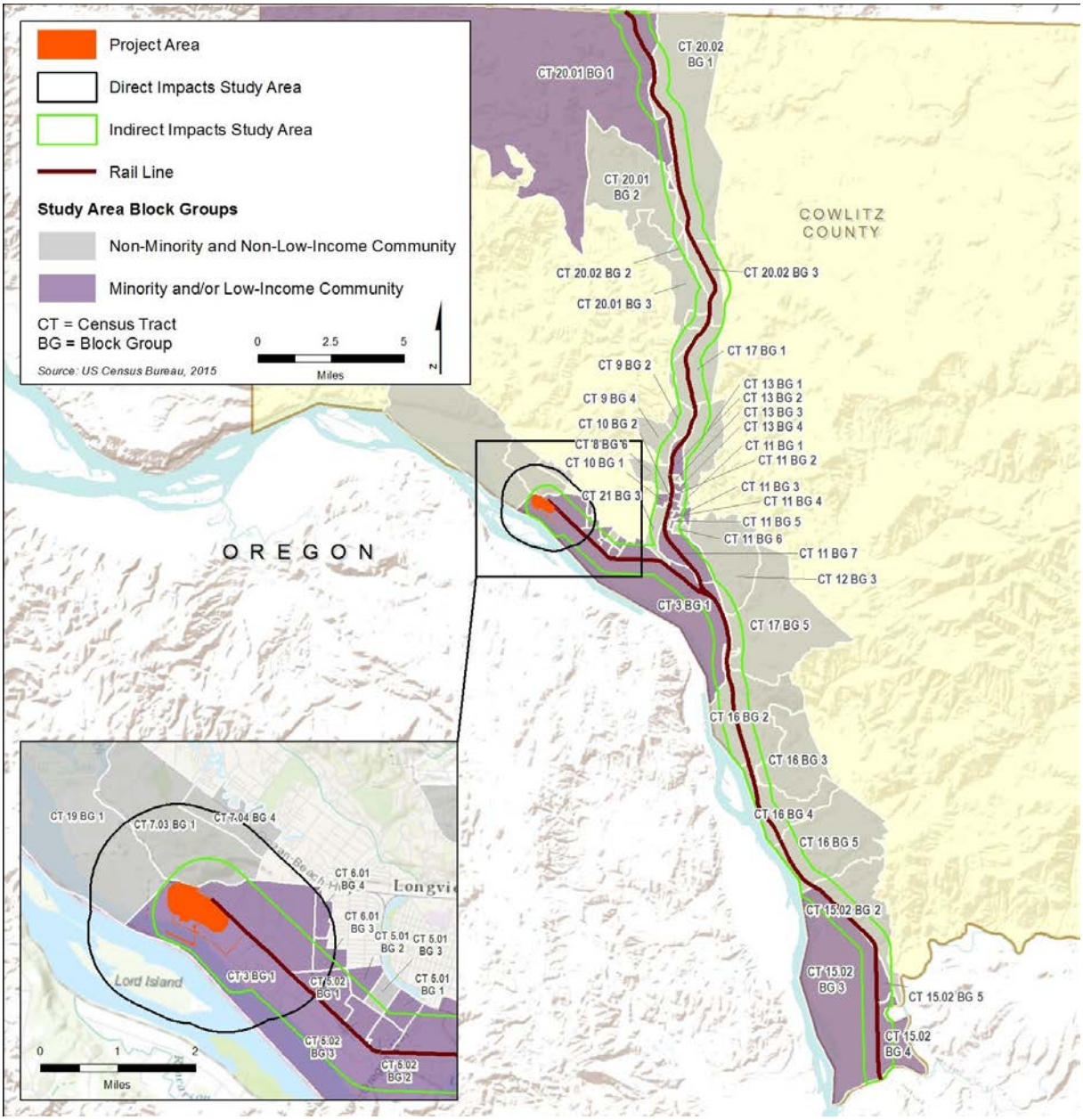
Notes: Shading indicates a minority and/or low-income community.

[a] Census Block Groups within 1 mile of the project areas.

[b] Census Block Groups within 0.5 mile of affected rail lines in Cowlitz County.

Source: U.S. Census Bureau 2013

Figure 10. Minority and Low-Income Communities



2.2.3 Utilities

This section describes existing utility services that are provided to the project areas. This assessment focuses on water utilities, including potable water and wastewater service, and electrical utilities. Electricity and natural gas consumption are addressed in the SEPA Energy and Natural Resources Technical Report (ICF 2017a). For direct impacts on utilities, the study area is the project area and the area within 0.5 mile of the project area. For indirect impacts on utilities, the study area is the area within 0.5 mile of the project area.

An existing on-site industrial wastewater treatment facility and stormwater/wastewater collection and treatment system provides wastewater treatment to the project area. The Applicant replaced pre-existing sanitary sewer collection and treatment systems with a new collection system and connection to the Longview sewer system (URS Corporation 2014). With the new connection, the project area sewage flows are conveyed to the Three Rivers Regional Treatment Plant. This wastewater treatment plant has a design capacity of 26.0 million gallons per day (Washington State Department of Ecology 2012). From 2001 to 2009, the plant received an average wet weather flow (typically the highest rate) of 3.04 million gallons per day (Kelso 2011).

The Mint Farm Regional Water Treatment Plant supplies drinking water to more than 45,000 people in the Longview area. Groundwater is tapped from wells in the Mint Farm Industrial Park, and the water plant consists of four high capacity (4,000 gallons per minute) groundwater wells. The project area receives potable water from Longview through a connection on Industrial Way. This water is for domestic usage such as in sinks and toilets in the existing facilities (URS Corporation 2014).

In addition, the project area includes on-site stormwater ponds that provide water for dust control and other production needs. The stormwater ponds are supplemented with groundwater well withdrawals during dry periods (URS Corporation 2014).

The Cowlitz Public Utility District provides electricity service to the project area. The project area also includes two Bonneville Power Administration (BPA) parcels. One parcel includes high-power transmission lines and the second parcel includes a power substation with an access road.

Chapter 3
Impacts

This chapter describes the impacts on social and community resources that would result from construction and operation of the Proposed Action or the ongoing activities of the No-Action Alternative.

3.1 Proposed Action

Potential impacts on social/community cohesion and public services, minority and low-income populations, and utilities that could result from the Proposed Action are described below.

3.1.1 Social/Community Cohesion and Public Services

Direct impacts on social and community cohesion would occur when a project divides a neighborhood, isolates part of a neighborhood, or separates residents from public services by changing travel patterns or accessibility. Direct impacts on public services would occur when a project physically displaces or alters a public service facility.

Indirect impacts on social and community cohesion would occur when a project generates substantial new development or changes property values. Indirect impacts on public services would occur when a project introduces a new population or service demand that affects the services delivered by a community facility.

3.1.1.1 Construction: Direct Impacts

Construction of the Proposed Action would not result in any direct impacts on social and community cohesion or public services. Construction activities would be limited to the project area, and therefore would not divide or isolate neighborhoods or disrupt community cohesion. Furthermore, there are no public services (as defined in Section 2.2.1.2, *Public Services*) on or adjacent to the project area and, therefore, the Proposed Action would not physically displace or alter any public services during construction.

In some cases, construction can also affect a community by temporarily lowering property values during construction. For example, potential buyers may find a property less attractive if views are altered by the visible and audible presence of construction equipment and activity. However, views of the project area from nearby residential locations are limited, and these views already include the active industrial use currently on the project area (ICF and BergerABAM 2017). Furthermore, construction-related effects would be temporary, lasting only for the duration of these activities.

3.1.1.2 Construction: Indirect Impacts

Construction materials would be delivered to the project area by truck or rail (truck scenario and rail scenario). As described in the SEPA Vehicle Transportation Technical Report, construction activities would not adversely affect vehicle delay at grade crossings on the Reynolds Lead, BNSF Spur, and BNSF main line because average vehicle delay would not substantially change during

construction, except during the peak traffic hour at two public at-grade crossings on the Reynolds Lead under the rail scenario (ICF 2017b). However, this vehicle delay impact would only occur if a Proposed Action-related construction train (average of 1.3 train trips per day) passes during the peak traffic hour. If a public service vehicle arrives at the same time as a Proposed Action-related train along the Reynolds Lead, it would experience an approximate 9-minute delay. Therefore, vehicle delay during construction of the Proposed Action would have negligible impacts on social and community cohesion and access to public services.

Construction of the Proposed Action under the rail scenario would increase delay for pedestrian and bicycle travel as described below.

Affect Pedestrian and Bicyclist Travel

Proposed Action-related construction trains under the rail delivery scenario would cause pedestrian and bicyclist delay at at-grade crossings if pedestrians or bicyclists are blocked by a Proposed Action-related construction train. Alternative routes would require out-of-direction travel. The amount of delay would depend on when a pedestrian or bicyclist arrives at the crossing. If a pedestrian or bicyclist arrives at the same time as a Proposed Action-related construction train, they could experience approximately 9 minutes of delay at the public at-grade crossings along the Reynolds Lead. Pedestrians and bicyclists could also be affected by motor vehicle congestion and queuing at intersections adjacent to the at-grade crossings. Vehicle queuing at at-grade crossings could spill into the adjacent intersections and reduce or block sight distance for pedestrians and bicyclists. There would be no change in delay to pedestrian and bicycle travel at at-grade crossings on the Reynolds Lead if construction materials are delivered by truck (truck delivery scenario).

3.1.1.3 Operations: Direct Impacts

Because it would be confined to the project area, operation of the Proposed Action would not divide or isolate neighborhoods, nor would it lead to the displacement of substantial portions of the existing community. Operations also would not physically displace or alter any public service facility, but it would place new demands on fire protection services, as discussed below.

Place New Demands on Fire Protection Services

The Proposed Action would result in the operation of a large new industrial use on the project area. This alternative could result in new or different demands on fire protection services; however, required fire and life safety systems would be installed in the project area according to fire code standards. These systems would be regularly inspected and maintained. The Applicant would also maintain a surface water storage pond with a reserve of 0.36 million gallons at all times for fire suppression. In addition, Cowlitz 2 Fire & Rescue has been involved in a pre-fire planning process with the Applicant and has indicated that it will work with the Applicant to plan for the new facilities and operations (URS Corporation 2014).

3.1.1.4 Operations: Indirect Impacts

Operation of the Proposed Action would not result in indirect impacts on social and community cohesion because of changes to property values or by generating substantial new development. As noted above, the Proposed Action is located on an existing industrial site within a larger industrial area. Furthermore, the Proposed Action would use an existing freight rail line. Therefore, operation

of the Proposed Action would not constitute a new land use with the potential to change property values substantially or induce new development in the surrounding area.

In addition, operation of the Proposed Action is not expected to draw a substantial number of new employees and their families to the area. The Proposed Action would employ 135 workers, some of whom would be drawn from existing residents in the surrounding area. People who relocate to the area to fill a position are expected to reside anywhere in Cowlitz, Clark, Columbia, or Lewis counties, based on current commute patterns. Therefore, the Proposed Action would not result in a new population that could place new demands on public service providers such as educational facilities, police and emergency medical services, parks and recreation facilities, or libraries. However, operation of the Proposed Action would increase rail traffic-related noise along the Reynolds Lead and BNSF Spur due to sounding train horns. This increased rail traffic-related noise would result in increased noise levels within Archie Anderson Park near the Reynolds Lead and BNSF Spur. The operation of the Proposed Action could also result in vehicle and rail traffic that could affect accessibility to community resources and public resources within the study area community. Therefore, operation of the Proposed Action would result in the following indirect impacts.

Affect Accessibility to Community Resources and Public Resources

As described in the SEPA Vehicle Transportation Technical Report, Proposed Action-related trains would not adversely affect daily average vehicle delay at public at-grade crossings on the Reynolds Lead, BNSF Spur, and BNSF main line because average vehicle delay would not change substantially (ICF 2017b). Peak traffic hour vehicle delay would also not be adversely affected if track improvements are made to the Reynolds Lead and BNSF Lead (as described in the SEPA Rail Transportation Technical Report [ICF 2017c) and only one Proposed Action-related train travels during the peak traffic hour. Therefore, under these scenarios, accessibility to social and community resources and public resources would not change substantially under the Proposed Action.

However, if two Proposed Action trains travel during the peak traffic hour, or infrastructure improvements are not made to the Reynolds Lead and BNSF Spur (as described in the SEPA Rail Transportation Technical Report [ICF 2017c]), vehicle delay would substantially change at some public at-grade crossings along the Reynolds Lead, BNSF Spur, and BNSF main line during the peak traffic hour (see the SEPA Vehicle Transportation Technical Report (ICF 2017b) for the identification of crossings and discussion of vehicle delay impacts). These vehicle delay impacts would be temporary (limited to the peak traffic hour) and the probability for two trains to pass during the peak vehicle traffic hour would be low. Under these scenarios, Proposed Action-related trains would indirectly affect the accessibility to community resources and public services at selected public at-grade crossings on the Reynolds Lead, BNSF Spur, and BNSF main line.

The owner of the Reynolds Lead and BNSF Spur has indicated that track improvements would be made, though these plans have not been submitted or permitted.

Affect Pedestrian and Bicyclist Travel

Proposed Action-related trains would cause pedestrian and bicyclist delay at at-grade crossings if pedestrians or bicyclists are blocked by a Proposed Action-related train. Alternative routes would require out-of-direction travel. The amount of delay would depend on when a pedestrian or bicyclist arrives at the crossing. If a pedestrian or bicyclist arrives at the same time as a

Proposed Action-related train, they could experience approximately 10 minutes of delay at the public at-grade crossings along the Reynolds Lead with current track infrastructure. Pedestrians and bicyclists could also be affected by motor vehicle congestion and queuing at intersections adjacent to the at-grade crossings. Vehicle queuing at at-grade crossings could spill into the adjacent intersections and reduce or block sight distance for pedestrians and bicyclists.

Increased Noise Levels in Archie Anderson Park, Highlands Trail, and Gerhart Gardens Park

Proposed Action-related trains would increase rail traffic-related noise levels in Archie Anderson Park, along the Highlands Trail, and in Gerhart Gardens Park, all of which are located within 1,000 feet the Reynolds Lead or BNSF Spur. The increased noise levels could reduce the attractiveness of the features in these parks that are more sensitive to increased noise levels, such as picnic facilities and sitting areas. Archie Anderson Park, the Highlands Trail, and Gerhart Gardens also include features that are not particularly sensitive to increased noise levels (e.g., facilities that are used for sports, exercise, or active play), such as walking and running trails, baseball fields, and basketball courts.

Increased noise levels would occur because Proposed Action-related trains would be required to sound their horns for public safety at at-grade crossings per Federal Railroad Administration (FRA) regulations.

3.1.2 Minority and Low-Income Populations

3.1.2.1 Summary of Adverse Impacts

The various technical reports present the impacts resulting from construction and operation of the Proposed Action.

For some resource areas, the Proposed Action would not result in adverse impacts. In others, it would result in low or minor impacts that would be avoided or minimized with standard best management practices or other mitigation measures, or would result in impacts that occur within a global context (e.g., climate change and greenhouse gas emissions). The Proposed Action would not have the potential to result in disproportionately high and adverse effects on minority and low-income populations in these resource areas. These are listed below.

- Climate Change
- Coal
- Energy and Natural Resources
- Greenhouse Gas Emissions
- Hazardous Materials
- Land and Shoreline Use
- Rail Safety
- Rail Transportation
- Social and Community Resources

- Surface Water and Floodplains
- Vegetation
- Vessel Transportation
- Water Quality
- Wildlife

The Proposed Action would result in adverse impacts in the other resource areas. These impacts are summarized below. An analysis of the Proposed Action's potential for disproportionately high and adverse effects on minority and low-income populations is provided in the next section.

- **Aesthetics, Light, and Glare.** The Proposed Action would result in adverse impacts related to changes in the visual features of the project area during construction and operation and the introduction of new sources of light and glare during operation (see the SEPA Aesthetics, Light, and Glare Technical Report [ICF and BergerABAM 2017]). As discussed in the SEPA Final EIS (Volume I), the co-lead agencies and the Applicant developed mitigation measures to address the adverse impacts related to light and glare.
- **Air Quality.** Based on an inhalation-only health risk assessment performed using the AERMOD dispersion model, described in the SEPA Air Quality Technical Report (ICF 2017h), Proposed Action-related diesel particulate matter emissions would result in increased cancer risk in the study area. The maximum modeled cancer risk increase in the City of Longview would be 50 cancers per million.
- **Cultural Resources.** The Proposed Action would demolish identified resources that contribute to the historical significance of the Reynolds Metals Reduction Plant Historic District. The Reynolds Metals Reduction Plant Historic District has been determined eligible for listing in the National Register of Historic Places as a historic district. Demolition of the Reynolds Metals Reduction Plant Historic District would be an unavoidable and significant adverse environmental impact. The Memorandum of Agreement currently being negotiated among the U.S. Army Corps of Engineers (Corps), Cowlitz County, the Washington State Historic Preservation Officer (SHPO), and the Applicant is intended to resolve this impact in compliance with Section 106 of the National Historic Preservation Act (NHPA).
- **Tribal Resources.** Operation of the Proposed Action would result in the transport of Proposed Action-related trains along the BNSF main line adjacent to the Columbia River. Rail transport could result in delays to tribal fishers' access to traditional fishing sites and delivery of fish to buyers. However, Proposed Action-related trains would be approximately 1.3 miles long and the time each train is at a crossing would range from approximately 8 minutes at 10 miles per hour to 1.75 minutes if the train is traveling at 50 miles per hour. Construction and operation of the Proposed Action would also result in indirect impacts on tribal resources through activities causing physical or behavioral responses in fish, and by affecting aquatic habitat. These impacts could affect the number of fish available for harvest by the tribes.
- **Fish.** During construction, the Proposed Action would result in direct adverse impacts on fish related to the loss of aquatic habitat due to pile placement, increased underwater noise during pile driving, increased shading, and potential spills or leaks. During operation, the Proposed Action would result in direct impacts related to increased shading, potential spills or leaks, coal spills, and vessel noise, and indirect impacts related to fish stranding from vessel wakes, maintenance dredging, coal dust and spills, and commercial and recreational fishing (see the

SEPA Fish Technical Report regarding both impacts [ICF 2017e].). As discussed in the SEPA Final EIS (Volume I), the co-lead agencies developed proposed mitigation measures to address the potential adverse impacts on fish.

- **Geology and Soils.** The Proposed Action would result in adverse impacts related to soil erosion and compaction and seismic-related events such as ground shaking and liquefaction (see the SEPA Geology and Soils Technical Report [ICF 2017f]). These would be direct impacts affecting the project area; this alternative would not result in indirect impacts on areas away from the project area. The Applicant has committed to implementing measures during construction to avoid and minimize geology and soils-related impacts.
- **Groundwater.** Construction of the Proposed Action would result in potential direct impacts to groundwater quality due to accidental leaks and spills or the displacement of contaminated groundwater through the use of vertical wick drains during construction preloading (see the SEPA Groundwater Technical Report [ICF 2017g]). As discussed in the SEPA Groundwater Technical Report, the co-lead agencies developed proposed Applicant mitigation measures to address the potential adverse impacts on groundwater. Operation of the Proposed Action would result in indirect impacts to groundwater quality because of accidental collision or derailment. If a release of hazardous materials were to occur, the rail operator would implement emergency response and cleanup actions as required by Occupational Safety and Health Administration rules (29 CFR 1910.120), the Washington State Oil and Hazardous Substance Spill Prevention and Response regulations (90.56 RCW), and the Model Toxic Control Act Cleanup Regulations (Chapter 173-340 WAC). The Proposed Action would not result in adverse impacts to groundwater supply or recharge (ICF 2017g).
- **Noise and Vibration.** The Proposed Action would result in potential adverse noise impacts during construction at one residence (104 Bradford Place, adjacent to the Proposed Action project area; see the SEPA Noise and Vibration Technical Report [ICF 2017d]).

  During operations, the Proposed Action would result in a potential direct noise impact because terminal activities would result in noise levels exceeding the applicable state limit for nighttime noise levels (see the SEPA Noise and Vibration Technical Report [ICF 2017d]). The predicted noise level during operations is likely comparable to the current nighttime noise level. Proposed Action-related trains would result in potential adverse indirect noise impacts during operation at residences along the Reynolds Lead (near 3rd Avenue and California Way, Oregon Way and Industrial Way, and Douglas Street and Washington Way). Noise levels would exceed FRA guidelines for moderate or severe noise impacts at 289 residential units (see the SEPA Noise and Vibration Technical Report [ICF 2017d]). This impact would occur because of Proposed Action-related trains sounding their horns for public safety at grade crossings. As discussed in the SEPA Final EIS (Volume I), the co-lead agencies and the Applicant developed mitigation measures to address the adverse impacts related to noise.
- **Vehicle Transportation.** Construction of the Proposed Action would result in indirect vehicle delay impacts during the peak traffic hour at two public at-grade crossings on the Reynolds Lead under the rail delivery scenario. This vehicle delay impact would only occur if a Proposed Action-related train (average of 1.3 train trips per day) passes during the peak traffic hour and would be temporary. Operation of the Proposed Action would result in indirect impacts to vehicle transportation if two Proposed Action trains travel during the peak hour, or infrastructure improvements are not made to the Reynolds Lead and BNSF Spur (SEPA Rail Transportation Technical Report [ICF 2017c]). In these cases, vehicle delay would substantially

change at some public at-grade crossings along the Reynolds Lead, BNSF Spur, and BNSF main line during the peak traffic hour (see the SEPA Vehicle Transportation Technical Report for the identification of crossings [ICF 2017b]). This vehicle delay impact would only occur if two Proposed Action-related trains traveled during the peak traffic hour or if track improvements are not made. Emergency medical services and fire protection response times would also be affected by increased delay at at-grade crossings because of the Proposed Action. The Applicant will implement a variety of voluntary measures and mitigation to address vehicle delay, vehicle safety, and emergency response impacts, as discussed in the SEPA Final EIS (Volume I).

3.1.2.2 Analysis of the Potential for Disproportionately High and Adverse Effects

In accordance with CEQ guidance, the determination of the Proposed Action's potential to result in disproportionately high and adverse effects involved consideration of whether the adverse impact is considered significant (as employed by NEPA); whether the effects on minority or low-income populations would appreciably exceed, or would be likely to appreciably exceed, the risk or rate to the general population; and whether the minority or low-income population would be affected by cumulative or multiple adverse exposures from environmental hazards. The determination of disproportionately high and adverse effects also involved consideration of proposed mitigation measures and offsetting benefits.

The potential adverse impacts identified in Section 3.1.2.1, *Summary of Adverse Impacts*, were analyzed for their potential to result in disproportionately high and adverse effects on minority and low-income populations. The co-lead agencies concluded that the Proposed Action's indirect impacts related to noise, vehicle delay along the Reynolds Lead, and diesel particulate matter inhalation risk would affect minority or low-income communities at a rate that would appreciably exceed the rate of risk for the general population. Refer to Chapter 3, Section 3.2, *Social and Community Resources*, in the SEPA Final EIS (Volume I) for a discussion of these potential disproportionate impacts.

The following analysis evaluates the other potential adverse impacts for their potential to result in disproportionately high and adverse effects on minority and low-income populations. The analysis concludes that the other potential adverse impacts would not result in disproportionately high and adverse effects.

- **Aesthetics, Light, and Glare.** The assessment of aesthetics, light, and glare considered three primary types of views: urban/industrial views, rural/residential views, and natural views. The Proposed Action would result in no impact or low impacts on urban/industrial views and rural/residential views. Furthermore, urban/industrial views are primarily experienced by workers and commuters, who would include both minority/low-income populations and non-minority/non-low-income populations. Therefore, the low level of impacts on urban/industrial views and rural/residential views would not have the potential to result in disproportionately high and adverse effects on minority and/or low-income populations. The Proposed Action would result in a potential moderate level of impact on natural views from Dibblee Point Beach. However, this viewpoint is a public park, and therefore minority and low-income populations would not bear a disproportionately high and adverse share of the impact. Overall, the Proposed Action's potential adverse aesthetics impacts would not result in disproportionately high or adverse effects on minority or low-income populations.
- **Cultural Resources.** The unavoidable and significant adverse environmental impact related to the demolition of the Reynolds Metals Reduction Plant Historic District would be a direct impact

affecting the project area. Because these impacts would not affect the public, they would not result in disproportionately high and adverse effects on minority or low-income populations. In addition, the Memorandum of Agreement currently being negotiated among the Corps, Cowlitz County, the SHPO, and the Applicant is intended to resolve this impact.

- **Tribal Resources.** The adverse impacts related to tribal resources would only affect tribal communities, and would therefore disproportionately affect minority populations. However, the adverse impacts would not be disproportionately high. The Proposed Action would introduce 8 loaded trains per day to the BNSF main line adjacent to the Columbia River. These trains would take a maximum of approximately 8 minutes per train to pass a tribal fishing access grade crossing. It is unlikely that an individual would be affected by more than one train per day. Eight additional minutes of delay for access to or from a fishing site would not be disproportionately high. The adverse impacts to tribal fish resources would be reduced by compliance with laws and the implementation of the voluntary measures and mitigation measures identified in Chapter 4, Section 4.7, *Fish*, of the SEPA Final EIS (Volume I).
- **Fish.** The potential adverse impacts related to fish would primarily affect biological communities, not human populations and the public. Furthermore, the increase in vessel traffic resulting from the Proposed Action would not likely reduce the catch from commercial or recreational fishing or limit access for commercial or recreational fishing activities. Therefore, the Proposed Action's potential adverse impacts to fish resources would not have the potential to result in disproportionately high and adverse effects on minority or low-income populations.
- **Geology and Soils.** As noted above, the potential adverse geologic impacts would be direct impacts affecting the project area. Because these impacts would not affect the public (i.e., they could affect employees on site but not off-site residents), they would not result in disproportionately high and adverse effects on minority or low-income populations.
- **Groundwater.** Although the Proposed Action would result in potential adverse impacts associated with the displacement of contaminated groundwater with vertical wick drains during construction preloading, the permeability of the earth materials affected by preloading would be relatively low and thus would not be particularly susceptible to the infiltration of contaminated groundwater. Furthermore, the groundwater in the project area is not used as a source of drinking water and has a severely limited potential to affect sources of drinking water. Therefore, any potential contamination of groundwater at the project area would have limited potential to affect the public. Overall, the potential adverse impacts on groundwater would not result in disproportionately high and adverse effects on minority or low-income populations.

3.1.2.3 Public Participation

Executive Order 12898 requires federal agencies to work to ensure greater public participation in the decision-making process. In addition, CEQ guidance suggests that federal agencies should acknowledge and seek to overcome linguistic, cultural, institutional, geographic, and other barriers to meaningful participation.

Cowlitz County, the Washington State Department of Ecology (Ecology), and U.S. Army Corps of Engineers (the co-lead agencies) have engaged in a robust public outreach effort. The primary components of this effort are the two formal comment periods required by the NEPA and SEPA EIS processes: (1) the scoping phase comment period and (2) the Draft EIS comment period. A public involvement plan developed for the SEPA process guided the public outreach effort.

Prior to the scoping meeting, stakeholder interviews were conducted to guide planning for the scoping process. These interviews were conducted with stakeholders representing a diverse range of interests and demographics including city and county jurisdictions, environmental and conservation groups, landowner organizations, labor organizations, economic development and business organizations, port authorities, river navigation pilots, and local community groups. A project website was also developed (www.millenniumbulkeiswa.gov/), providing information in English and Spanish. This website serves as an information hub, a public comment portal, and a document review and download repository throughout development of the EIS. The website was promoted in news releases, ads in local media, and printed project information.

The public scoping meetings for the Proposed Action were announced in various publications. Notices were published in the *Federal Register* and Washington State Register, and the co-lead agencies issued a press release. Display ads were placed in local newspapers where scoping meetings were held, including *The Spokane Spokesman-Review*, *The Tri-City Herald* (Pasco), *The Columbian* (Vancouver/Clark County), *The Longview Daily News*, and *The Tacoma News-Tribune*. Announcements were also sent to a listserv group, and an informational flyer was mailed to 6,000 residents in neighborhoods near the Proposed Action project area, including the Highlands neighborhood in Longview. A Spanish translation of the informational flyer was also distributed.

The U.S. Army Corps of Engineers conducted two scoping meetings for NEPA EIS comments, and Cowlitz County and Ecology held five meetings to receive SEPA-related scoping comments. The NEPA-related scoping meetings were held on September 17, 2013, in Longview and on October 9, 2013, in Clark County. The SEPA-related scoping meetings were held on September 17, 2013, in Longview; September 25, 2013, in Spokane; October 1, 2013, in Pasco; October 9, 2013, in Clark County; and October 17, 2013, in Tacoma. All meetings used an open-house format to provide EIS process information and details about the proposed action, and to receive scoping comments. In total, the co-lead agencies received over 215,400 scoping comments. Spanish-language handouts and Spanish translation services were available at each meeting. All facilities were Americans with Disabilities Act (ADA)-accessible.

Cowlitz County and Ecology held three public hearings to receive comments on the SEPA Draft EIS. The public hearings were held at the following dates and locations.

- May 24, 2016, in Longview
- May 26, 2016, in Spokane
- June 2, 2016, in Pasco

Each public hearing included an open house, which allowed the public to interact with agency representatives and to access information about the SEPA EIS process as well as details about the Proposed Action. Spanish-language handouts and Spanish translation services were available at each public hearing. All facilities were Americans with Disabilities Act-accessible. In total, the co-lead agencies received approximately 267,000 comments during the Draft EIS comment period. Volume IV of the Final EIS includes responses to comments on the Draft EIS.

3.1.2.4 Conclusion

Given all the facts and circumstances, the Proposed Action is expected to result in disproportionately high and adverse effects on minority and low-income populations related to noise from rail operations, vehicle delay along the Reynolds Lead, and diesel particulate matter

inhalation risk. Refer to Chapter 3, Section 3.2, *Social and Community Resources*, in the SEPA Final EIS (Volume I) for a discussion of these potential disproportionate impacts.

3.1.3 Utilities

3.1.3.1 Construction: Direct Impacts

Construction of the Proposed Action is not anticipated to result in direct impacts on water and sewer service. Construction activities would use groundwater for dust suppression and would not affect water utility service. Construction practices would ensure that the water supply and sewer connections are not disrupted for surrounding users.

Affect BPA-Owned Parcels

If the Applicant obtains an easement from BPA, construction of the Proposed Action would affect two BPA-owned parcels within the project area. One parcel has power transmission lines and the second parcel has a substation. The Applicant would coordinate with BPA on potential impacts to BPA infrastructure and operations.

3.1.3.2 Construction: Indirect Impacts

Demand for water and sewer utility services during construction of the Proposed Action would be confined to activities in the project area. Construction of the Proposed Action would not result in new indirect demands on water supply, sewer utility services, or wastewater treatment. Therefore, construction of the Proposed Action would not result in indirect impacts on utilities.

3.1.3.3 Operations: Direct Impacts

The Proposed Action could directly affect water and sewer utilities and electrical utilities. Operation of the Proposed Action would result in the following direct impacts.

Affect BPA-Owned Parcels

If the Applicant obtains an easement from BPA, operation of the Proposed Action would be located on two BPA-owned parcels within the project area. The Applicant would coordinate with BPA on potential impacts to BPA infrastructure and operations.

Create New Sanitary Sewage Flows from the Project Area

As noted above, the project area and the Applicant's leased area are served by a sanitary sewer collection system and connection to the Longview sewer system. A new sanitary sewer conveyance system and connection to the City of Longview sewer system would be developed under the Proposed Action. New sanitary sewer flows from the Proposed Action would be small and would be offset by the reduction in flows from the existing uses in the project area. The Three Rivers Wastewater Treatment Plant has sufficient capacity to treat additional wastewater flows. The Applicant would be required to obtain a permit to discharge wastewater, as described in Chapter 4, *Required Permits*.

The Proposed Action would not convey industrial process wastewater to the City of Longview sewer system or the Three Rivers Wastewater Treatment Plant. Industrial process wastewater

would be treated in the on-site water treatment facility and would not add new demands to public sewer and wastewater utilities.

Create New Water Demand on the Project Area

The Proposed Action would use potable municipal water supplies for domestic uses, such as drinking, sinks, and toilets. This alternative would not use potable water supplies for industrial needs. Therefore, the Proposed Action would result in a small increase in demand for potable water (185 gallons per minute) compared to the overall capacity of the City of Longview water supply (16,000 gallons per minute).

Non-potable water would be used for industrial processes such as dust control, stockpile sprays, wash down, clean up, and fire protection. This water would be supplied by treated water from the proposed water management system and storage ponds and supplemented by wells during dry seasons. Therefore, the Proposed Action industrial water use would not place new demands on the City of Longview water supply.

3.1.3.4 Operations: Indirect Impacts

The Proposed Action would not result in indirect impacts on water and sewer utilities because demand for these utilities would be limited to the project area.

3.2 No-Action Alternative

Under the No-Action Alternative, the Applicant would not construct the proposed export terminal. The Applicant would continue with current and future increased operations in the project area. The project area could be developed for other industrial uses including an expanded bulk product terminal or other industrial uses. The Applicant has indicated that, over the long term, it would expand the existing bulk product terminal and develop new facilities to handle more products such as calcine petroleum coke, coal tar pitch, and cement.

3.2.1 Social/Community Cohesion and Public Services

Construction activity under the No-Action Alternative would not result in direct impacts on social and community cohesion or public services. Construction activities would be limited to the project area, and therefore would not divide or isolate neighborhoods or disrupt community cohesion.

Operation of the No-Action Alternative would not divide or isolate neighborhoods because any new facilities would be constructed on an existing industrial site within a wide corridor of similar industrial uses, and operations would not physically displace or alter any public service facility. Therefore, operation of the No-Action Alternative would not result in direct impacts on social and community cohesion and public services.

Operation of the No-Action Alternative would not result in indirect impacts on social and community cohesion because of changes to property values or by generating substantial new development. The No-Action Alternative is located on an existing industrial site within a larger industrial area, and would use an existing freight rail line. Therefore, operation of the No-Action Alternative would not constitute a new land use with the potential to change property values substantially or induce new development in the surrounding area. In addition, the No-Action Alternative would not result in the

introduction of a new population that could place demands on public service providers. The No-Action Alternative would not be expected to affect vehicle delay, and therefore, would not affect social and community cohesion and public services.

3.2.2 Minority and Low-Income Populations

The No-Action Alternative would increase rail operations along the Reynolds Lead. Noise levels under the No-Action Alternative would be higher than under existing conditions, but would not result in noise impacts, as described in the SEPA Noise and Vibration Technical Report (ICF 2017d). The No-Action Alternative would not result in peak hour vehicle delay impacts on the Reynolds Lead, nor would it cause a substantial change in air quality or adversely affect nearby populations. Impacts on other environmental resource areas under the No-Action Alternative would generally be similar to or less than impacts under the Proposed Action. Therefore, the No-Action Alternative would not have disproportionately high and adverse effects on minority and low-income populations.

3.2.3 Utilities

Construction of the No-Action Alternative is not anticipated to result in direct impacts on water and sewer service. Operation of the No-Action Alternative could result in new sanitary sewage flows and new water demand from the project area. The Three Rivers Wastewater Treatment Plant has sufficient capacity to treat additional wastewater flows, and it is expected that any new demand for potable water would be small compared to the capacity of the Longview water supply. Water used for industrial purposes, such as dust control, would continue to be drawn from stormwater ponds and supplemented with groundwater well withdrawals during dry periods.

Chapter 4
Required Permits

No permits would be required in relation to social/community cohesion and public services or minority and low-income populations for the Proposed Action. Permits would be required be required for water utilities, as described below.

The Proposed Action would require the following permits related to water utilities.

- **Wastewater Discharge Permit—Three Rivers Regional Wastewater Authority**. This permit would be required to discharge wastewater to the Three River Regional Wastewater Treatment Plant. A survey form would be completed first to allow the Three Rivers Regional Wastewater Authority to determine whether a permit is required.
- **Permit for Utility Service—City of Longview.** The project area receives potable water from the City of Longview through a connection on Industrial Way. This permit would be required to receive water service and to convey wastewater flows via the City of Longview's system.

Chapter 5
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Appendix A

Public Service Facilities in the Study Areas

Appendix A
Public Service Facilities in the Study Areas

Map No.	Name	Type	Address
1	Woodland Public Schools (Office of the Superintendent)	Educational Facility	800 Third Street, Woodland, WA 98674
2	Industrial Training International	Educational Facility	9428 Old Pacific Highway, Woodland, WA 98674
3	WSU Cowlitz County Extension	Educational Facility	1946 3rd Avenue, Longview, WA 98632
4	Woodland Primary School	Educational Facility	600 Bozarth Avenue, Woodland, WA 98674
5	Woodland High School	Educational Facility	757 Park Street, Woodland, WA 98674
6	Kalama Elementary	Educational Facility	548 China Garden Road, Kalama, WA 98625
7	Kalama Middle/High Schools	Educational Facility	548 China Garden Road, Kalama, WA 98625
8	Carrolls Elementary School	Educational Facility	3902 Old Pacific Highway, Kelso, WA 98626
9	St. Helens Elementary School	Educational Facility	431 27th Avenue, Longview, WA 98632
10	Huntington Middle School	Educational Facility	500 Redpath, Kelso, WA 98626
11	Caitlin Elementary	Educational Facility	404 Long Avenue West, Kelso, WA 98626
12	Barnes Elementary	Educational Facility	401 Barnes Street, Kelso, WA 98626
13	Castle Rock Elementary School	Educational Facility	700 Huntington Avenue S, Castle Rock, WA 98611
14	Castle Rock Middle School	Educational Facility	615 Front Avenue SW, Castle Rock, WA 98611
15	Castle Rock High School	Educational Facility	5180 West Side Highway, Castle Rock, WA 98611
16	St. Philip Catholic Church	Religious Institution	430 Bozarth Avenue, Woodland, WA 98674
17	Woodland Presbyterian Church	Religious Institution	756 Park Street, Woodland, WA 98674
18	Woodland Christian Church	Religious Institution	430 Buckeye Street, Woodland, WA 98674
19	Jehovah's Witnesses Kingdom Hall	Religious Institution	7002 Green Mountain Road, Woodland, WA 98674
20	Kalama Baptist Church	Religious Institution	112 Vincent Road, Kalama, WA 98625
21	United Methodist Church	Religious Institution	111 North Second Street, Kalama, WA 98625
22	St Joseph Parish Hall	Religious Institution	696 Elm Street, Kalama, WA 98625
23	Church of God of Prophecy	Religious Institution	1008 Walnut Street, Kelso, WA 98626

Map No.	Name	Type	Address
24	Abundant Life Church of the Nazarene	Religious Institution	615 S Fourth Avenue, Kelso, WA 98626
25	Grace Bible Fellowship	Religious Institution	300 S 10th Avenue, Kelso, WA 98626
26	First Baptist Church of Kelso	Religious Institution	214 S Fourth Avenue, Kelso, WA 98626
27	First Presbyterian Church	Religious Institution	215 Academy Street, Kelso, WA 98626
28	First Assembly of God	Religious Institution	403 Academy Street, Kelso, WA 98626
29	Cowlitz Way Baptist Church	Religious Institution	600 Cowlitz Way, Kelso, WA 98626
30	Fellowship Assembly of God Church	Religious Institution	1517 Fourth Avenue N, Kelso, WA 98626
31	First United Methodist Church	Religious Institution	206 Cowlitz Way, Kelso, WA 98626
32	The Church of Jesus Christ of Latter-day Saints	Religious Institution	2884 N Pacific Avenue, Kelso, WA 98626
33	St Mary Catholic Church	Religious Institution	120 Powell Road, Castle Rock, WA 98611
34	St Matthew's Episcopal Church	Religious Institution	412 Pioneer Avenue NE, Castle Rock, WA 98611
35	Castle Rock Seventh Day Church	Religious Institution	7531 Old Pacific Highway N, Castle Rock, WA 98611
36	Cloud Mountain Retreat Center	Religious Institution	373 Agren Road, Castle Rock, WA 98611
37	Longview Foursquare Church	Religious Institution	416 20th Avenue, Longview, WA 98632
38	Longview of Life	Religious Institution	420 17th Avenue, Longview, WA 98593
39	First Baptist Church-Longview	Religious Institution	747 Wheeler Street, Longview, WA 98632
40	Shekinah Christian Center	Religious Institution	1015 3rd Avenue, Longview, WA 98632
41	New Hope City Church	Religious Institution	203-1/2 Allen Street, Kelso, WA 98626
42	Faith Lutheran Brethren Church	Religious Institution	210 Fishers Lane, Kelso, WA 98626
43	Kelso-Longview Seventh Day Church	Religious Institution	77 Solomon Road, Kelso, WA 98626
44	The Rock Church	Religious Institution	1955 Huntington Avenue S, Castle Rock, WA 98611
45	St Paul Lutheran-ELCA	Religious Institution	312 1st Avenue SW, Castle Rock, WA 98611
46	Castle Rock United Methodist	Religious Institution	241 1st Avenue SW, Castle Rock, WA 98611
47	Apostolic Lutheran Church	Religious Institution	248 Cowlitz Street E, Castle Rock, WA 98611
48	Hulda Klager Lilac Gardens, Inc	Social Institution	115 S Pekin Road, Woodland, WA 98674

Map No.	Name	Type	Address
49	Woodland Community Services Center	Social Institution	736 Davidson Avenue, Woodland, WA 98674
50	Veterans of Foreign Wars	Social Institution	222 N 1st Street, Kalama, WA 98625
51	Veterans of Foreign Wars	Social Institution	434 Davidson Avenue, Woodland, WA 98674
52	Kalama Fair Grounds	Social Institution	172 Kalama River Road, Kelso, WA 98626
53	Elks Lodge	Social Institution	900 Ash Street, Kelso, WA 98626
54	Expo Center	Social Institution	1900 7th Avenue, Longview, WA 98632
55	Catlin Senior Center	Social Institution	106 8th Avenue NW, Kelso, WA 98626
56	Fraternal Order of Eagles	Social Institution	224 Huntington Avenue S, Castle Rock, WA 98611
57	Fraternal Order of Eagles	Social Institution	609 S Pacific Avenue, Kelso, WA 98626
58	Castle Rock Exhibit Hall	Social Institution	147 Front Avenue SW, Castle Rock, WA 98611
59	Castle Rock Fair Grounds	Social Institution	120 Firlane Road, Castle Rock, WA 98611
60	Woodland Dental Center	Medical Facility	640 Goerig Street, Woodland, WA 98674
61	Lewis River Dental	Medical Facility	500 Columbia Street, Woodland, WA 98674
62	Hilander Dental	Medical Facility	510 Allen Street, Kelso, WA 98626
63	Kaiser Permanente Longview-Kelso Medical Office	Medical Facility	1230 7th Avenue, Longview, WA 98632
64	PeaceHealth St. John Medical Center Behavioral Health Outpatient	Medical Facility	600 Broadway Street, Longview, WA 98632
65	Twin City Dental	Medical Facility	409 W Main Street, Kelso, WA 98626
66	Cowlitz River Dental	Medical Facility	358 Front Avenue NW, Castle Rock, WA 98611
67	Cowlitz Fire District #5	Fire Protection	382 NE Frontage Road, Kalama, WA 98625
68	Cowlitz Fire Department	Fire Protection	2300 Parrott Way, Kelso, WA 98626
69	Cowlitz 2 Fire & Rescue	Fire Protection	701 Vine Street, Kelso, WA 98626
70	Lexington Fire Department	Fire Protection	1796 Westside Highway, Kelso, WA 98626
71	Cowlitz County Fire District 6	Fire Protection	146 A Street SW, Castle Rock, WA 98611
72	Cowlitz County Fire Protection District 1	Fire Protection	160 Pinkerton Drive, Woodland, WA 98674
73	Woodland Fire Department	Fire Protection	100 Davidson Avenue, Woodland, WA 98674
74	City of Longview Fire Department	Fire Protection	740 Commerce Avenue, Longview, WA 98632
75	Woodland Police Department	Police Facility	200 East Scott Avenue, Woodland, WA 98674
76	Kalama Police Department	Police Facility	535 N 1st Street, Kalama, WA 98625
77	Washington State Patrol	Police Facility	1823 Baker Way, Kelso, WA 98626
78	Kelso Police Department	Police Facility	201 S Pacific Avenue, Kelso, WA 98626

Map No.	Name	Type	Address
79	Longview Police Department	Police Facility	216 30th Avenue, Longview, WA 98632
80	Cowlitz County Sheriff's Office	Police Facility	312 SW 1st Avenue #124, Kelso, WA 98626
81	Castle Rock Police Department	Police Facility	141 A Street, Castle Rock, WA 98611
82	Steele Chapel Funeral Home	Cemetery	5050 Mt Solo Road, Longview, WA 98632
83	Longview Memorial Park Cemetery	Cemetery	5050 Mt Solo Road, Longview, WA 98632
84	Mt Solo Cemetery	Cemetery	5050 Mt. Solo Road, Longview, WA 98632
85	Woodland Community Library	Library	770 Park Street, Woodland, WA 98674
86	Kelso Public Library - Three Rivers Mall	Library	351 Three Rivers Drive, Kelso, WA 98626
87	Castle Rock Public Library	Library	137 Cowlitz Street W, Castle Rock, WA 98611
88	Woodland City Clerk/Planning and Building	Other	230 Davidson Avenue, Woodland, WA 98674
89	Kalama Housing Authority	Other	226 Cloverdale Road, Kalama, WA 98625
90	Southwest Washington Regional Airport	Other	2215 Parrott Way, Kelso, WA 98626
91	Cowlitz County Public Works	Other	1600 13th Avenue S, Kelso, WA 98626
92	Housing Authority of Kelso	Other	1415 S 10th Avenue, Kelso, WA 98626
93	WorkSource	Other	305 S Pacific Avenue, Kelso, WA 98626
94	Kelso City Attorney/Building/Engineering/Planning	Other	203 S Pacific Avenue, Kelso, WA 98626
95	U.S. Post Office	Other	304 Academy Street, Kelso, WA 98626
96	Cowlitz County Commissioners/Building and Planning	Other	207 4th Avenue N, #305, Kelso, WA 98626
97	Social & Health Services Department	Other	711 Vine Street, Kelso, WA 98626
98	Emergency Support Shelter	Other	304 Cowlitz Way, Kelso, WA 98626
99	Cowlitz County Elections	Other	207 4th Avenue N, #107, Kelso, WA 98626
100	Agriculture Department	Other	2211 N Hendrickson Drive, Kalama, WA 98625
101	Cowlitz County-Landfill	Other	85 Tennant Way, Longview, WA 98632
102	Humane Society of Cowlitz County	Other	909 Columbia Blvd, Longview, WA 98632
103	Longview Park Maintenance	Other	706 30th Avenue, Longview, WA 98632
104	Longview Parks and Recreation Department	Other	2920 Douglas Street, Longview, WA 98632
105	Longview Work Training Release	Other	1821 1st Avenue, Longview, WA 98632
106	Cowlitz County Jail	Other	1935 1st Avenue, Longview, WA 98632
107	Castle Rock City Hall/Building/Planning/Treasurer/ Community Revitalization	Other	141 SW A Street, Castle Rock, WA 98611

Map No.	Name	Type	Address
108	Castle Rock District Court	Other	312 SW First Avenue, Kelso, WA 98626
109	Cowlitz County Superior Court/District Court/Emergency Management	Other	312 SW 1st Avenue, Kelso, WA 98626
110	Cowlitz County Coroner	Other	1946-B 3rd Avenue, Longview, WA 98632
111	Cowlitz County Geographic Information Systems Department	Other	207 4th Avenue N, Kelso, WA 98626
112	City of Woodland Public Works Department	Other	300 East Scott Avenue, Woodland, WA 98674
113	City of Longview Parks Department	Other	706 30th Avenue, Longview, WA 98632
114	Castle Rock Public Works Department/Parks Department	Other	360 A Street SW, Castle Rock, WA 98611
115	Cowlitz County Historical Museum	Other	405 Allen Street, Kelso, WA 98626
116	Archie Anderson Park	Park/Recreation Facility	Alabama Street and 21st Street, Longview, WA 98632
117	Gerhardt Gardens Park	Park/Recreation Facility	40 Tennant Way, Longview, WA 98632
118	7th Avenue Park	Park/Recreation Facility	920 7th Avenue, Longview, WA 98632
119	Marine Park	Park/Recreation Facility	380 West Marine Drive, Kalama, WA 98625
120	Hoffman Park	Park/Recreation Facility	Buckeye Street and Park Street, Woodland, WA 98674
121	Horseshoe Lake Park	Park/Recreation Facility	Park Road and Goerig Street, Woodland, WA 98674
122	Rolling Freedom Skate Park	Park/Recreation Facility	Park Road and I-5, Woodland, WA 98674
123	Manasco Park	Park/Recreation Facility	South River Road and Hawthorne Street, Kelso, WA 98626
124	Catlin Hall Park	Park/Recreation Facility	NW 7th Avenue and W Main Street, Kelso, WA 98626
125	Catlin Spray Park	Park/Recreation Facility	NW 7th Avenue and W Main Street, Kelso, WA 98626
126	Lads and Lassies Park	Park/Recreation Facility	Elm Street and South 8th Street, Kelso, WA 98626
127	Kelso Commons Park	Park/Recreation Facility	Oak Street and South Pacific Avenue, Kelso, WA 98626
128	Cowlitz River Overlook	Park/Recreation Facility	1st Avenue South and Allen Street, Kelso, WA 98626
129	Cowlitz River Trail	Park/Recreation Facility	East bank of Cowlitz River, Kelso, WA 98626
130	Peter Crawford Home Site	Park/Recreation Facility	North Pacific Avenue and Academy Street, Kelso, WA 98626
131	Rhododendron Gardens	Park/Recreation Facility	North Kelso Avenue and Harris Street, Kelso, WA 98626
132	Triangle Park	Park/Recreation Facility	West Main Street and SW 6th Avenue, Kelso, WA 98626
133	Riverside County Park	Park/Recreation Facility	Westside Highway/SR 411 and Villa Street, Lexington, WA 98626
134	Lion's Pride Park	Park/Recreation Facility	1747 Huntington Avenue South, Castle Rock, WA 98611

Map No.	Name	Type	Address
135	The Rock	Park/Recreation Facility	Dike Road and Huntington Avenue South, Castle Rock, WA 98611
136	East and West Riverfront Trail	Park/Recreation Facility	East and West bank of Cowlitz River, Castle Rock, WA 98611
137	Harry S Truman Memorial Park	Park/Recreation Facility	Front Avenue NW and Mallory Street NE, Castle Rock, WA 98611

Source: Websites for Cowlitz County; the cities of Woodland, Kelso, Longview, and Castle Rock; Google Maps; and the public service facilities.

Appendix B

Minority and Low-Income Populations Demographic Data

Appendix B

Minority and Low-Income Populations Demographic Data

Area	2013 Total Population	Race and Ethnicity[a]												Minority	Total Minority %	Percent of Individuals Below Poverty Level
		White	%	Black	%	Asian and Pacific Islander	%	American Indian and Alaska Native	%	Other	%	Hispanic	%			
Census Tract 3, Block Group 1[b]	570	368	64.6	0	0.0	0	0.0	2	0.4	30	5.3	170	29.8	202	35.4	44.7
Census Tract 6.01, Block Group 3[b]	1,025	590	57.6	0	0.0	110	10.7	0	0.0	135	13.2	190	18.5	435	42.4	32.0
Census Tract 6.01, Block Group 4	881	705	80.0	0	0.0	32	3.6	0	0.0	37	4.2	107	12.1	176	20.0	31.4
Census Tract 7.03, Block Group 1	1,373	1,166	84.9	0	0.0	14	1.0	9	0.7	58	4.2	126	9.2	207	15.1	23.7
Census Tract 7.04, Block Group 4	1,912	1,684	88.1	18	0.9	26	1.4	0	0.0	131	6.9	53	2.8	228	11.9	18.8
Census Tract 19, Block Group 1	1,021	1,001	98.0	20	2.0	0	0.0	0	0.0	0	0.0	0	0.0	20	2.0	23.5
Direct Impacts Study Area Total	**6,782**	**5,514**	**81.3**	**38**	**0.6**	**182**	**2.7**	**11**	**0.2**	**391**	**5.8**	**646**	**9.5**	**1,268**	**18.7**	**26.3**
Census Tract 5.01, Block Group 1	846	640	75.7	13	1.5	14	1.7	0	0.0	23	2.7	156	18.4	206	24.3	24.7
Census Tract 5.01, Block Group 2	1,047	799	76.3	0	0.0	0	0.0	0	0.0	248	23.7	0	0.0	248	23.7	21.2
Census Tract 5.01, Block Group 3	952	873	91.7	0	0.0	12	1.3	0	0.0	27	2.8	40	4.2	79	8.3	18.8
Census Tract 5.02, Block Group 1	1,587	1,061	66.9	17	1.1	29	1.8	49	3.1	106	6.7	325	20.5	526	33.1	39.6
Census Tract 5.02, Block Group 2	1,841	1,324	71.9	28	1.5	20	1.1	6	0.3	63	3.4	400	21.7	517	28.1	57.6
Census Tract 5.02, Block Group 3	1,454	1,070	73.6	11	0.8	9	0.6	11	0.8	55	3.8	298	20.5	384	26.4	44.8
Census Tract 8, Block Group 6	1,203	1,140	94.8	0	0.0	52	4.3	0	0.0	0	0.0	11	0.9	63	5.2	7.7
Census Tract 9, Block Group 2	2,980	2,328	78.1	18	0.6	158	5.3	0	0.0	154	5.2	322	10.8	652	21.9	5.5
Census Tract 9, Block Group 4	1,891	1,678	88.7	0	0.0	0	0.0	0	0.0	0	0.0	213	11.3	213	11.3	8.7
Census Tract 10, Block Group 1	899	583	64.8	0	0.0	0	0.0	7	0.8	0	0.0	309	34.4	316	35.2	41.6
Census Tract 10, Block Group 2	288	282	97.9	0	0.0	0	0.0	6	2.1	0	0.0	0	0.0	6	2.1	28.5
Census Tract 11, Block Group 1	717	648	90.4	0	0.0	0	0.0	0	0.0	55	7.7	14	2.0	69	9.6	24.1
Census Tract 11, Block Group 2	506	379	74.9	0	0.0	0	0.0	0	0.0	0	0.0	127	25.1	127	25.1	46.6
Census Tract 11, Block Group 3	704	489	69.5	164	23.3	0	0.0	0	0.0	0	0.0	51	7.2	215	30.5	39.2
Census Tract 11, Block Group 4	579	501	86.5	0	0.0	34	5.9	17	2.9	0	0.0	27	4.7	78	13.5	27.8
Census Tract 11, Block Group 5	1,361	873	64.1	0	0.0	0	0.0	19	1.4	65	4.8	404	29.7	488	35.9	37.5
Census Tract 11, Block Group 6	716	625	87.3	0	0.0	35	4.9	0	0.0	42	5.9	14	2.0	91	12.7	24.7

Area	2013 Total Population	Race and Ethnicity[a]												Minority	Total Minority %	Percent of Individuals Below Poverty Level
		White	%	Black	%	Asian and Pacific Islander	%	American Indian and Alaska Native	%	Other	%	Hispanic	%			
Census Tract 11, Block Group 7	714	594	83.2	0	0.0	7	1.0	0	0.0	19	2.7	94	13.2	120	16.8	33.8
Census Tract 12, Block Group 3	1,338	1,191	89.0	22	1.6	6	0.4	50	3.7	39	2.9	30	2.2	147	11.0	17.8
Census Tract 13, Block Group 1	977	942	96.4	0	0.0	26	2.7	0	0.0	0	0.0	9	0.9	35	3.6	21.5
Census Tract 13, Block Group 2	899	637	70.9	18	2.0	60	6.7	32	3.6	69	7.7	83	9.2	262	29.1	26.7
Census Tract 13, Block Group 3	752	602	80.1	0	0.0	0	0.0	15	2.0	15	2.0	120	16.0	150	19.9	11.7
Census Tract 13, Block Group 4	983	722	73.4	0	0.0	7	0.7	7	0.7	84	8.5	163	16.6	261	26.6	47.8
Census Tract 15.02, Block Group 2	934	805	86.2	0	0.0	35	3.7	0	0.0	18	1.9	76	8.1	129	13.8	6.2
Census Tract 15.02, Block Group 3	599	457	76.3	0	0.0	0	0.0	0	0.0	16	2.7	126	21.0	142	23.7	57.8
Census Tract 15.02, Block Group 4	1,602	1,077	67.2	10	0.6	41	2.6	0	0.0	52	3.2	422	26.3	525	32.8	14.0
Census Tract 15.02, Block Group 5	504	369	73.2	13	2.6	22	4.4	0	0.0	67	13.3	33	6.5	135	26.8	38.5
Census Tract 16, Block Group 2	881	834	94.7	0	0.0	22	2.5	0	0.0	14	1.6	11	1.2	47	5.3	7.7
Census Tract 16, Block Group 3	1,510	1,483	98.2	0	0.0	0	0.0	0	0.0	11	0.7	16	1.1	27	1.8	4.2
Census Tract 16, Block Group 4	1,470	1,207	82.1	0	0.0	49	3.3	0	0.0	120	8.2	94	6.4	263	17.9	11.4
Census Tract 16, Block Group 5	2,233	2,066	92.5	0	0.0	0	0.0	19	0.9	0	0.0	148	6.6	167	7.5	11.2
Census Tract 17, Block Group 1	535	535	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10.8
Census Tract 17, Block Group 5	1,900	1,654	87.1	0	0.0	0	0.0	40	2.1	59	3.1	147	7.7	246	12.9	4.8
Census Tract 20.01, Block Group 1	847	697	82.3	0	0.0	0	0.0	67	7.9	63	7.4	20	2.4	150	17.7	26.6
Census Tract 20.01, Block Group 2	1,172	1,106	94.4	0	0.0	0	0.0	0	0.0	25	2.1	41	3.5	66	5.6	1.2
Census Tract 20.01, Block Group 3	1,083	1,034	95.5	0	0.0	0	0.0	7	0.6	42	3.9	0	0.0	49	4.5	3.4
Census Tract 20.02, Block Group 1	1,378	1,217	88.3	0	0.0	31	2.2	0	0.0	69	5.0	61	4.4	161	11.7	12.1
Census Tract 20.02, Block Group 2	1,294	1,086	83.9	14	1.1	0	0.0	64	4.9	110	8.5	20	1.5	208	16.1	12.1
Census Tract 20.02, Block Group 3	1,031	1,031	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3.4
Census Tract 21, Block Group 3	1,164	955	82.0	39	3.4	9	0.8	13	1.1	113	9.7	35	3.0	209	18.0	17.7
Indirect Impacts Study Area	**45,371**	**37,594**	**82.9**	**367**	**0.8**	**678**	**1.5**	**429**	**0.9**	**1,843**	**4.1**	**4,460**	**9.8**	**7,777**	**17.1**	**20.4**

Area	2013 Total Population	Race and Ethnicity[a]												Minority	Total Minority %	Percent of Individuals Below Poverty Level
		White	%	Black	%	Asian and Pacific Islander	%	American Indian and Alaska Native	%	Other	%	Hispanic	%			
Longview, WA	**36,656**	**29,897**	**81.6**	**161**	**0.4**	**852**	**2.3**	**346**	**0.9**	**1,920**	**5.2**	**3,480**	**9.5**	**6,759**	**18.4**	**22.6**
Cowlitz County	**102,110**	**87,214**	**85.4**	**489**	**0.5**	**1,554**	**1.5**	**1,028**	**1.0**	**3,717**	**3.6**	**8,108**	**7.9**	**14,896**	**14.6**	**17.6**

Notes: Shading indicates a minority and/or low-income community.

[a] The racial and ethnic categories are defined further as: White (White alone, not Hispanic or Latino); Black (Black or African American alone, not Hispanic or Latino); Asian and Pacific Islander (Asian alone, not Hispanic or Latino or Native Hawaiian and Other Pacific Islander alone, not Hispanic or Latino); American Indian and Alaska Native (American Indian and Alaska Native alone, not Hispanic or Latino); Other (Some other race alone, not Hispanic or Latino; Two or more races, not Hispanic or Latino); Hispanic (Hispanic or Latino; Persons of Hispanic origin may be of any race).

[b] Census Tract 3 Block Group 1 and Census Tract 6.01 Block Group 3 are presented in the study area for the project sites, but are both also in the study area for the rail line.

Source: U.S. Census Bureau ACS 2009-2013 Five-Year Estimates.

MILLENNIUM BULK TERMINALS—LONGVIEW SEPA ENVIRONMENTAL IMPACT STATEMENT

SEPA AESTHETICS, LIGHT, AND GLARE TECHNICAL REPORT

PREPARED FOR:

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IN COOPERATION WITH:
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April 2017

ICF and BergerABAM. 2017. *Millennium Bulk Terminals—Longview, SEPA Environmental Impact Statement, SEPA Aesthetics, Light, and Glare Technical Report*. April. (ICF 00264.13) Seattle, WA. Prepared for Cowlitz County, Kelso, WA, in cooperation with Washington State Department of Ecology, Southwest Region.

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Acronyms and Abbreviations

Applicant	Millennium Bulk Terminals—Longview, LLC
BNSF	BNSF Railway Company
CFR	Code of Federal Regulations
Corps	U.S. Army Corps of Engineers
County	Cowlitz County
NEPA	National Environmental Policy Act
Port	Port of Longview
RCW	Revised Code of Washington
Reynolds facility	Reynolds Metals Company facility
SEPA	Washington State Environmental Policy Act
UP	Union Pacific Railroad
US 30	U.S. Route 30
USC	United States Code
WAC	Washington Administrative Code

Chapter 1
Introduction

This technical report assesses the potential aesthetic, light, and glare impacts of the proposed Millennium Bulk Terminals—Longview project (Proposed Action) and No-Action Alternative. For the purposes of this assessment, aesthetics refers to the overall quality of the visual resources of the project area and the surrounding area. This report describes the regulatory setting, establishes the methods for assessing potential aesthetic impacts, presents the historical and current aesthetic characteristics of the study area, and assesses the potential for impacts on aesthetics, light, and glare.

1.1 Project Description

Millennium Bulk Terminals—Longview, LLC (Applicant) is proposing to construct and operate a coal export terminal (Proposed Action) in Cowlitz County, Washington, along the Columbia River (Figure 1). The coal export terminal would receive coal from the Powder River Basin in Montana and Wyoming and the Uinta Basin in Utah and Colorado via rail shipment. The coal export terminal would receive, stockpile, and load coal onto vessels and transport the coal via the Columbia River and Pacific Ocean to overseas markets in Asia.

1.1.1 Proposed Action

Under the Proposed Action, the Applicant would develop the coal export terminal on 190 acres (project area) primarily within an existing 540-acre site that is currently leased by the Applicant (Applicant's leased area). The project area is adjacent to the Columbia River in unincorporated Cowlitz County, Washington near Longview, Washington (Figure 2). The Applicant currently operates and would continue to operate a bulk product terminal within the Applicant's leased area.

BNSF Railway Company (BNSF) or Union Pacific Railroad (UP) trains would transport coal on BNSF main line routes in Washington State, and the BNSF Spur and Reynolds Lead in Cowlitz County to the project area. Coal would be unloaded from rail cars, stockpiled, and loaded by conveyor onto ocean-going vessels for export at two new docks (Docks 2 and 3) located in the Columbia River.

Once construction is complete, the Proposed Action could have a maximum annual throughput capacity of up to 44 million metric tons of coal per year. The coal export terminal would consist of one operating rail track, eight rail tracks for storing up to eight unit trains, rail car unloading facilities, a stockpile area for coal storage, conveyor and reclaiming facilities, two new docks in the Columbia River (Docks 2 and 3), and shiploading facilities on the two docks. Dredging of the Columbia River would be required to provide access to and from the Columbia River navigation channel and for berthing at the two new docks.

Vehicles would access the project area from Industrial Way (State Route 432), and vessels would access the project area via the Columbia River. The Reynolds Lead and BNSF Spur track—both jointly owned by BNSF and UP, and operated by Longview Switching Company (LVSW)—provide rail access to the project area from a point on the BNSF main line (Longview Junction) located to the

east in Kelso, Washington. Coal export terminal operations would occur 24 hours per day, 7 days per week. The coal export terminal would be designed for a minimum 30-year period of operation.

At full terminal operations, approximately 8 loaded unit trains each day would carry coal to the export terminal, 8 empty unit trains each day would leave the export terminal, and an average of 70 vessels per month or 840 vessels per year would be loaded, which would equate to 1,680 vessel transits in the Columbia River annually.

Figure 1. Project Vicinity

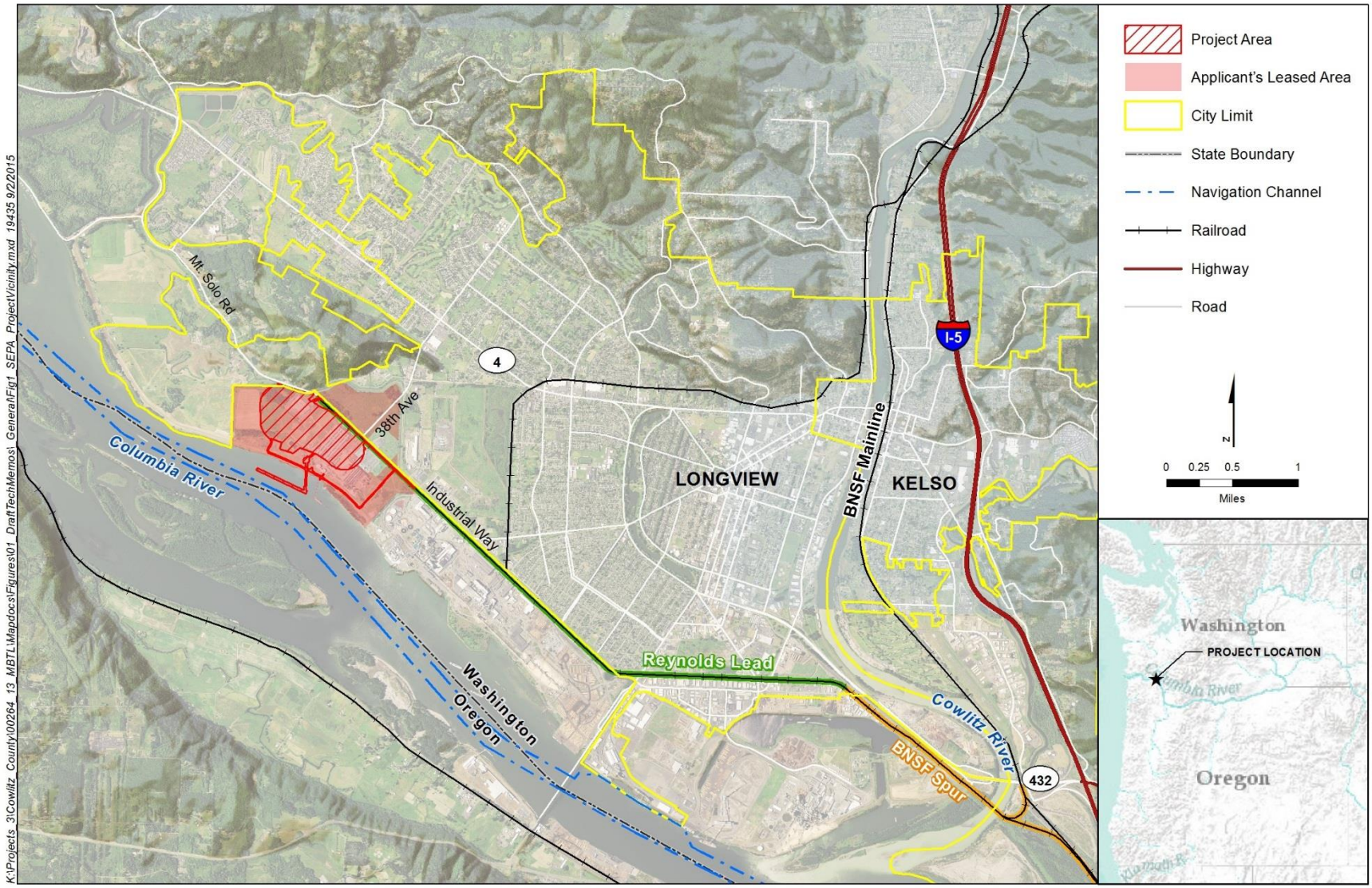
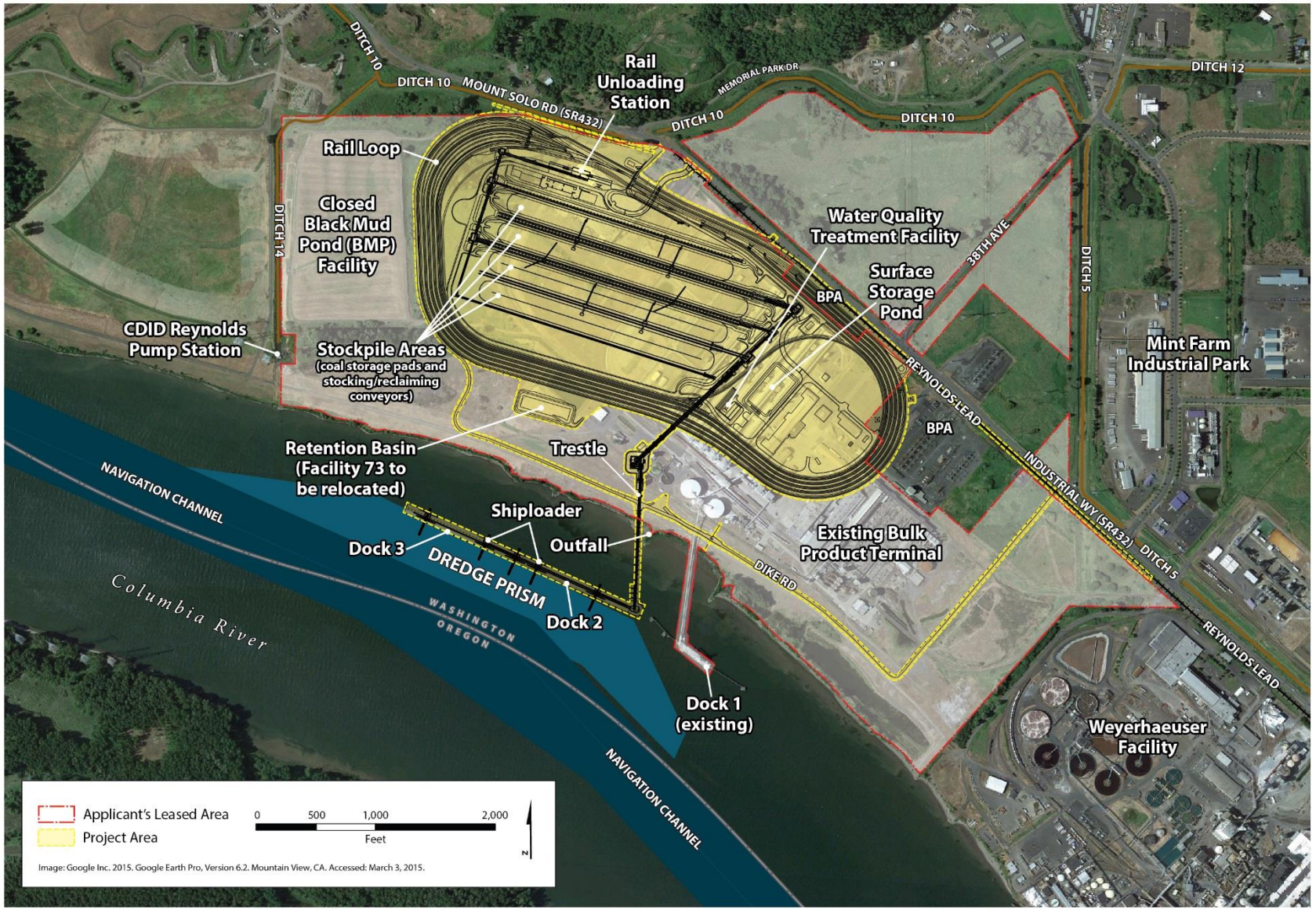


Figure 2. Proposed Action



1.1.2 No-Action Alternative

The Applicant plans to continue operating its existing bulk product terminal located adjacent to the project area. Ongoing operations would include storing and transporting alumina and small quantities of coal and continued use of Dock 1. Maintenance of the existing bulk product terminal would continue, including maintenance dredging at the existing dock every 2 to 3 years. The Applicant plans to expand operations at the existing bulk product terminal, which could include increased storage and upland transfer of bulk products utilizing new and existing buildings. The Applicant would likely need to undertake demolition, construction, and other related activities to develop expanded bulk product terminal facilities.

If the coal export terminal is not constructed, the Applicant would likely propose expansion of the bulk product terminal onto areas that would have been subject to construction and operation of the proposed coal export terminal. Additional bulk product transfer activities could involve products such as a calcined pet coke, coal tar pitch, cement, fly ash, and sand or gravel. Any new operations would be evaluated under applicable regulations. Upland areas of the project area are zoned Heavy Industrial and it is assumed future proposed industrial uses in these upland areas could be permitted. Any new construction would be limited to uses allowed under existing Cowlitz County development regulations.

1.2 Regulatory Setting

The jurisdictional authorities and corresponding regulations, statutes, and guidance for determining potential aesthetic impacts are summarized in Table 1.

Table 1. Regulations, Statutes, and Guidance for Aesthetics

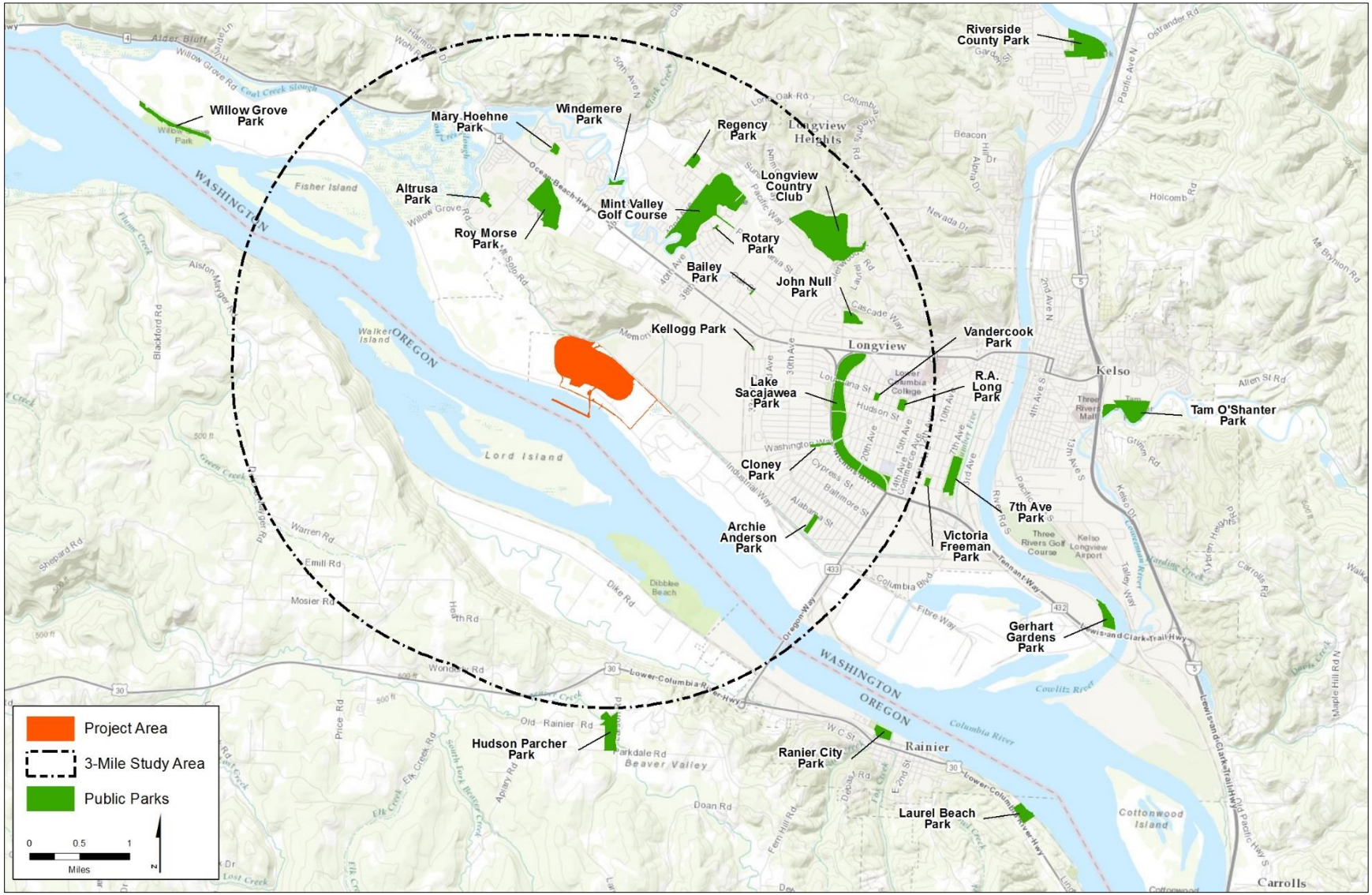
Regulation, Statute, Guideline	Description
Federal	
National Environmental Policy Act (42 USC 4321 *et seq*.)	Requires the consideration of potential environmental impacts. NEPA implementation procedures are set forth in the President's Council on Environmental Quality's Regulations for Implementing NEPA (49 CFR 1105).
State	
Washington State Environmental Policy Act (RCW 43.21c)	SEPA directs state and local agencies to consider environmental impacts (cumulative, short-term, long-term, direct, and indirect), alternatives, and mitigation before committing to an action. SEPA gives agencies the authority to condition or deny a proposal based on the agency's adopted SEPA policies and environmental impacts identified in a SEPA document (RCW 43.21C.060, WAC 197-11-660).
Local	
Cowlitz County SEPA Regulations (Cowlitz County Code 19.11)	The County has adopted and incorporated rules pertaining to the integration of policies and procedures as required under SEPA (RCW 43.21C.120).

Regulation, Statute, Guideline	Description
NEPA = National Environmental Policy Act; CFR = Code of Federal Regulations; USC = United States Code; CFR = Code of Federal Regulations; RCW = Revised Code of Washington; SEPA = Washington State Environmental Policy Act; County = Cowlitz County; WAC = Washington Administrative Code	

1.3 Study Area

The study area for the assessment of potential aesthetics, light, and glare impacts is generally defined as the area within visual range of the project areas for the Proposed Action. This area encompasses ground-based locations from which the activities and structures on the project areas could be observed in detail (Bureau of Land Management 1986). Given the regional physiography, vegetation, and built environment surrounding the project areas, it was determined that the Proposed Action would be observable for viewers at ground-based locations within approximately 3 miles of the respective project area. Beyond 3 miles, the Proposed Action would blend into the visual background and be obscured because of the area's topography, vegetation, and built environment. The study area is defined as the area within a 3-mile radius of the project area (Figure 3).

Figure 3. Study Area



Chapter 2
Existing Conditions

This chapter explains the methods for assessing the existing conditions and determining impacts and describes the existing conditions in the study area as they pertain to aesthetics, visual quality, light, and glare.

2.1 Methods

This section describes the methods used to characterize the existing conditions and assess the potential impacts of the Proposed Action and No-Action Alternative on aesthetics, light, and glare.

The methods used in this assessment were informed by guidance provided by various federal agencies in *Landscape Aesthetics, A Handbook for Scenery Management* (U.S. Forest Service 1995), *Visual Impact Assessment for Highway Projects* (Federal Highway Administration 1988), and *The Visual Resource Management System* (Bureau of Land Management 1986). These agency guides are tailored to fit the general types of projects falling within each agency's jurisdiction and are not directly applicable to the Proposed Action. However, the guides provide visual impact assessment methods that have informed the methods used this report. In particular, they address impacts based on a step-wise process that can be applied to other situations, as follows.

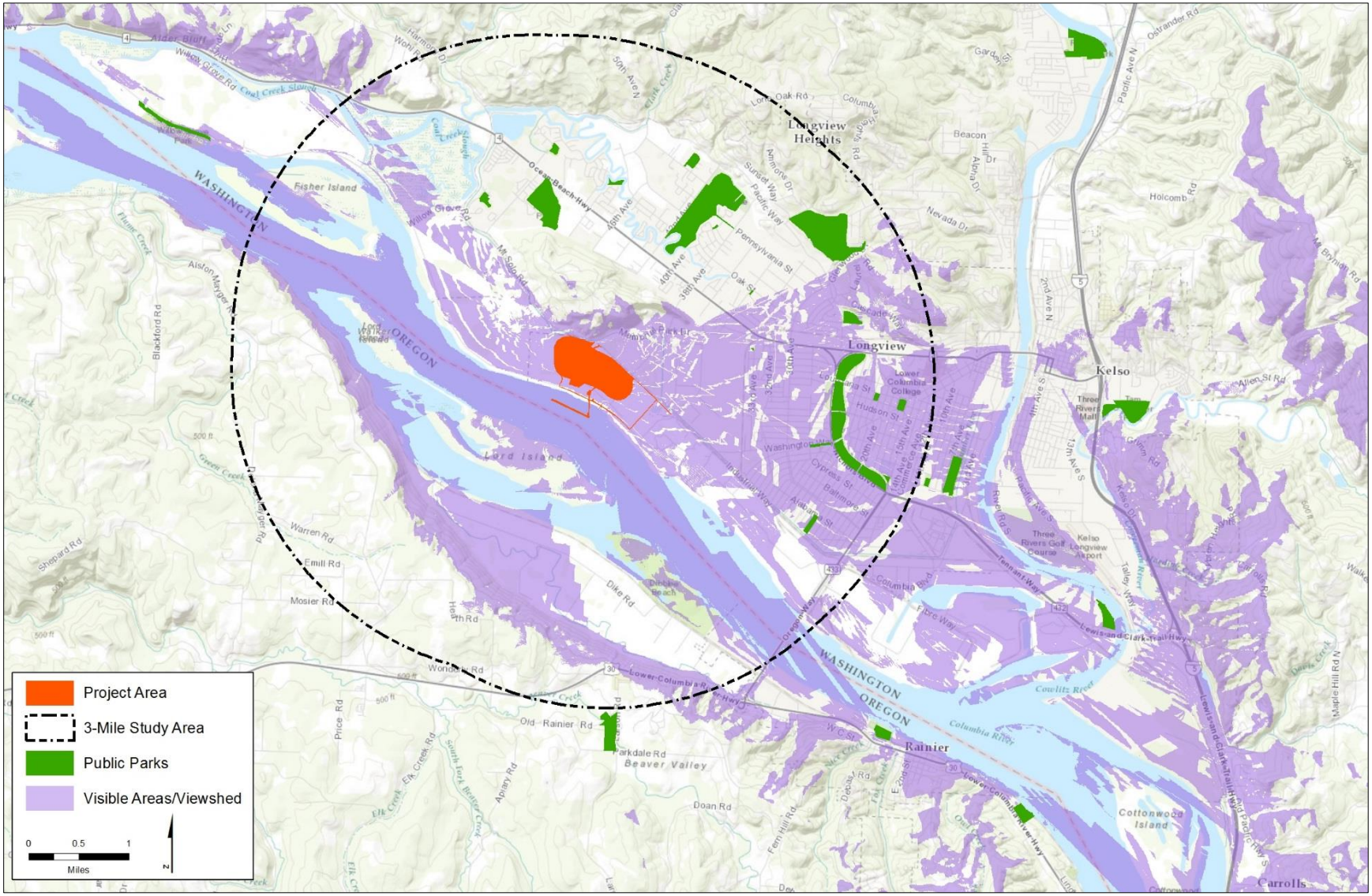
1. Defining the viewshed area.
2. Determining locations that are key viewpoints of the project area.
3. Determining the types of viewers or viewer groups with views of the project area and their relative sensitivity to the changes in aesthetic conditions.

The visual impact analysis used this three-step process. The methods for each step are described below, followed by a discussion of the data and methods used for the visual impact assessment.

2.1.1 Defining the Viewshed

A viewshed is the area within visual range of a given viewpoint (i.e., location of the viewer) which is defined by the regional physiography, vegetation, and built environment. In order to determine the viewshed from which aesthetic changes on the project area may be experienced, city and county maps, U.S. Geological Survey quadrangle maps, project maps, and aerial and project area photographs were consulted to determine large-scale physiographic features in the study area that influence views of the project area and define the visual environment. A digital elevation model of the area was then created using ESRI ArcGIS, a three-dimensional mapping software package. The digital model was used to identify the viewshed of the project area for the Proposed Action based on topographic screening (excluding vegetation) (Figure 4). The viewshed defines the general area within which specific viewpoints are selected. As shown in Figure 4, the viewshed encompasses most areas in the Columbia River floodplain to the west, south, and east of the project area. Views from the north are obstructed by topography (Mount Solo, described below).

Figure 4. Viewshed Determination



The general character of the viewshed is described below based on project area visits and information developed for the SEPA Land and Shoreline Use Technical Report (ICF and BergerABAM 2017).

The viewshed determination is a screening-level assessment that only accounts for topography in determining which locations may have views of the project area. The selection of viewpoints then accounts for vegetation and the built environment. As discussed below, many portions of the viewshed do not have views of the project area because of intervening vegetation and buildings.

2.1.2 Viewpoint Selection

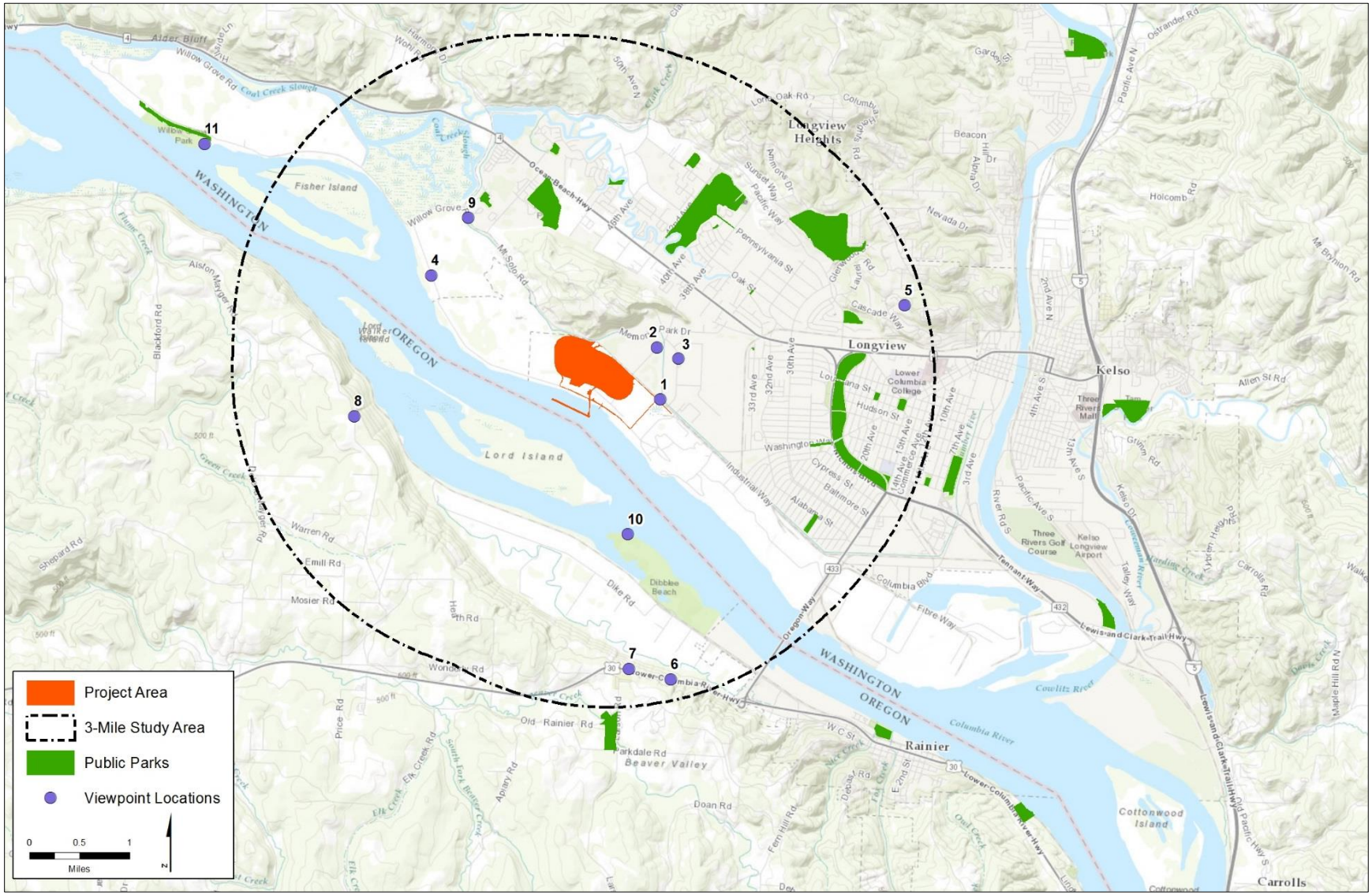
Digital mapping software (e.g., Google Earth, Google Maps, Map Quest, Bing Maps) and aerial and project area photographs were used to identify built environments, public amenities, travel routes, urban areas, residential areas, and existing vegetation in the 3-mile study area. This information, in combination with the viewshed determination, was used to select viewpoint locations for this assessment.

Natural landforms, such as Mount Solo, and human-made landforms, such as the Mount Solo landfill, block views of the project area for viewers in large portions of the study area (Figure 5). In addition, the built environment and existing vegetation obstruct views of the project area for many remaining viewers. However, 11 viewpoints were identified from which views of the project area could be altered by the Proposed Action. Except for the viewpoint at the Willow Grove boat launch, all are located within the 3-mile study area. The Willow Grove boat launch is approximately 4.5 miles west of the project area on the Columbia River. Views of the project area from the boat launch are obstructed by existing vegetation and would not be affected by the Proposed Action; however, the boat launch was included as a viewpoint because it provides public access to the river. Recreational boaters may travel upriver from the boat launch toward Longview and view the project area from the river.

At each viewpoint, views were verified and day and nighttime photographs were taken using a high-resolution digital single-lens reflex camera with a 50-millimeter lens. Daytime photos were taken on a clear, sunny day with a high sun angle to illustrate maximum viewer sensitivities and glare. Nighttime photographs were taken to document existing artificial lighting from viewpoints where nighttime conditions would be most affected by the Proposed Action. Appendix A, *Photographic Inventory*, presents the photographs from each viewpoint.

To approximate what the human eye would see, photographs were taken at the height of an average viewer's eye (5 feet 5 inches above ground level). Because a single photograph cannot capture the field of vision of a human eye, a sequence of photographs was taken from each viewpoint. Using Adobe Photoshop, the photos were digitally grouped together to form panoramas; the photos were overlapped by approximately 30% and their edges were cropped to eliminate edge distortion and to fit print materials. No other photo manipulations were performed. Using the photographs, the extent of the view of the project area from each viewpoint was identified and its existing visual character and the types of viewers using that viewpoint was assessed.

Figure 5. Viewpoint Locations



Based on the existing land uses and environmental conditions at the viewpoints, views of the project area were classified into three categories.

- **Urban and industrial views**. Viewers in this landscape view the project area in the context of existing urban and industrial areas.
- **Rural and residential views.** Viewers in this landscape view the project area in the context of a mixture of surrounding natural and human-made features and patterns, including land used for farming, mineral extraction, or forestry.
- **Natural views**. Viewers in this landscape view the project area in the context of surrounding natural features and a largely undisturbed rural or open space setting. Few human-made developments or disturbances are present.

2.1.3 Viewer Sensitivity

Viewer sensitivity is the measure of concern for visual quality and the response to changes to the elements of the natural and constructed environments the viewer experiences through sight. Viewer sensitivity is related to changes in available views of the landscape, buildings, construction and demolition of structures, operational equipment, and emissions. The effects of those changes on viewers depend on the types of users, the amount of use (number of viewers and view frequency), and adjacent land uses, as described below.

- **Types of users.** Based on the viewpoint locations, the general types of viewers who see the project area can be characterized as residents, workers, travelers, and recreationalists. Visual perception and sensitivity vary with the type of user. Residential or recreational sightseers may be highly sensitive to any changes, while those in a work setting, such as industrial, manufacturing, or warehouse workers, tend to have no to low sensitivity. A working viewer's activity, awareness, and sensitivity are typically limited to the visual setting immediately outside the workplace and do not extend to surrounding views.
- **Amount of use.** The number of viewers varies depending on activity and the location, but areas used by large numbers of people are considered to have a higher exposure, or sensitivity, because more viewers could be affected. Protection of visual quality usually becomes more important as the number of viewers and the duration of views increase.
- **Adjacent land uses**. Proposed changes may or may not directly affect the visual quality or other aspects of adjacent land uses. The visual elements of adjacent landscapes and natural areas, buildings, structures, and operations define a visual character or context with which the proposed uses and facilities are compatible or in conflict.

2.1.4 Data Sources

The following sources of information were used to evaluate the visual characteristics of the study area.

- Cowlitz County geographic information system data.
- *Millennium Coal Export Terminal Longview, Washington Aesthetics, Light, and Glare Resource Report*. (URS Corporation 2014a).

- Guidance documents prepared by the Bureau of Land Management, U.S. Forest Service, and Federal Highways Administration (described in the introduction to Section 2.1, *Methods*).
- 3-D Studio Max and AutoCAD files of the Proposed Action provided by the Applicant.
- Field surveys conducted in April and November 2014.

2.1.5 Impact Analysis

The following methods were used to evaluate the potential impacts of the Proposed Action and No-Action Alternative on visual resources in the study area. For the purposes of this analysis, construction impacts are based on peak construction activities and operations impacts are based on maximum throughput capacity (up to 44 million metric tons per year) and completed facilities.

Visual impact assessments are based on the evaluation of the visual quality and viewer sensitivity. Viewer sensitivity is considered in the context of reasonable expectations of those experiencing views of a heavily industrialized area. As previously described, the visual impact assessment methods were informed by guidance materials from various federal agencies, including *The Visual Resource Management System* (Bureau of Land Management 1986), *Landscape Aesthetics, A Handbook for Scenery Management* (U.S. Forest Service 1995), and *Visual Impact Assessment for Highway Projects* (Federal Highways Administration 1988). These materials provided guidance to develop and define the following levels of impact to assess visual impacts associated with the Proposed Action and No-Action Alternative.

- **High level of impact (H).** Operations, buildings, or other structures would be highly visible to a large number of sensitive viewers and would negatively affect the visual quality of the landscape.[1] Mitigation measures may or may not reduce this level of impact.
- **Moderate level of impact (M).** Operations, buildings, or other structures would be visible to a moderate number of sensitive viewers. Project elements may be generally consistent with adjacent land uses. Some mitigation may be required to reduce this level of impact.
- **Low level of impact (L).** Operations, buildings, or other structures would be minimally visible to a low number of viewers. Distance or visual compatibility with other existing land uses make project elements difficult to perceive.
- **No impact (N)**. Operations, buildings, or other structures would not be visible or would have no impact on viewers.

In order to assess the impacts of the Proposed Action on aesthetics and visual quality, visual simulations were prepared illustrating how these alternatives would appear once constructed. The visual simulations were developed using existing conditions photographs from each of the viewpoints discussed previously. A combination of 3-D Studio Max and AutoCAD files (provided by the Applicant) and Google SketchUp Pro were used to create an overall 3-D model of the project area and the surrounding area. The 3-D models were then georeferenced and placed in Google Earth Pro. Views of the 3-D models were generated from the viewpoints. Images from the 3-D model were then

[1] The number of sensitive viewers is relative to the total potential viewers of the project area. In this case, the total potential viewers are the residents, workers, and travelers within the 3-mile study area. A large number of viewers applies to viewpoints where many of the total viewers would have views of the project area. A low number of viewers applies to viewpoints where very few of the total viewers would have views of the project area. A moderate number of viewers applies to viewpoints where a number of the total viewers would have views of the project area.

superimposed over the high-resolution digital photographs in Adobe Photoshop to simulate the constructed condition of the project area. The digital photographs and the simulations represent before and after images and show the visual change. No other photo editing or touchup work was done to the simulations. The visual simulation task and analysis provided the basis for the visual assessment.

2.2 Existing Conditions

This section describes the aesthetics characteristics in the study area.

2.2.1 Project Area

The Applicant's leased area was originally a floodplain that supported wetland and shoreline habitats used by wildlife, birds, and people. The eastern portion of the leased area was initially developed for industrial use in 1941 by Reynolds Metals Company as a reduction plant for aluminum smelting and casting operations (Figure 6). These operations were expanded in 1967, when the western portion of the Reynolds Metals Company facility (Reynolds facility) was developed for additional aluminum production. In the late 1960s, a cable mill facility was also constructed in the leased area. The facility was operated as an aluminum smelter until 2001, when smelter operations ceased. Portions of the former Reynolds facility have since been decommissioned.

Following the closure of the Reynolds facility, the project area and the Applicant's leased area were used to store fly ash, petroleum coke, alumina, and cement. The leased area continues to support industrial operations and is currently used as a bulk materials handling facility that includes both marine and upland facilities.

Today, the Applicant uses an area adjoining the project area (i.e., within the leased area), as a bulk products terminal to import, store, and transfer bulk alumina and coal. The project area includes upland facilities, a dock in the Columbia River capable of receiving Panamax-sized ships, and rail and road connections. Alumina is imported by ship, stored, and then transferred by rail to an Alcoa smelter near Wenatchee, Washington (Millennium Bulk Terminals—Longview 2014a). A small amount of coal is currently imported by rail, stored, and transferred by truck to the adjacent Weyerhaeuser facility. Overall, the project area is an underutilized industrial site, with industrial activities occurring at a much lower intensity than historical levels.

While most of the existing project area is developed, the undeveloped western sections consist of open grasslands, wetlands, and a small forested area in the northwest corner. There is an extensive diking system along the Columbia River maintained by the Consolidated Diking and Improvement District #1.

Figure 6. Historic Aerial Photograph (1966)



Adjacent land uses include those in the lease area as well as various other industrial, utility, transportation, commercial, and residential uses. The 550-acre Weyerhaeuser Company lumber products manufacturing facility is located east of the project area and the 478-acre Port Industrial Marine property is located upriver of the Weyerhaeuser site. Port facilities include eight marine terminals that primarily handle commodities such as bulk goods, forest products, wind energy products, steel, and heavy-lift project cargo (Port of Longview 2011). Port properties also include the recently purchased Barlow Point property, located within the city limits of Longview northwest of the project area. The Barlow Point property is currently undeveloped, but the Cowlitz County Public Utility District and Bonneville Power Administration use this and adjacent properties for high-power utility lines and a power substation. The approximately 75-foot-tall, 47-acre Mount Solo landfill is located to the west of the project area and adjacent to the northern boundary of the Barlow Point property. The 445-acre Mint Farm Industrial Park, another prominent adjacent industrial use, is located north of Industrial Way within city limits. Two single-family residences are located across Industrial Way from the project area. These residential uses are on wooded lots set back from the street. Overall, the project area is located in a wide corridor of industrial, transportation, and utility land uses along the Columbia River.

2.2.1.1 Viewshed Overview

The project area and most of Longview and Kelso, along with rural areas south of the Columbia River, lie in the Columbia River floodplain. This floodplain, which affords wide views of the Columbia

River and surrounding area because of its relatively flat topography and limited landform interruptions, is a defining feature of the affected viewshed. The extent of the relatively flat floodplain varies based on the proximity of hillsides north and south of the river. At the project area, the floodplain extends approximately 4 miles perpendicular to the river. With the exception of Mount Solo (elevation 610 feet) directly north of the project area, the elevation of the floodplain varies little across the Longview and Kelso area, ranging from approximately 5 feet to 30 feet. The hillsides north and south of the floodplain rise steeply and are generally heavily forested and in a natural condition. The natural vegetation of the floodplain is a complex landscape composed of riparian and lowland deciduous forest vegetation, but in most areas, depending on the level of existing development, the vegetation has been highly modified. The built environment and existing vegetation block most views of the project area across the relatively flat floodplain.

Downtown Longview is approximately 3 miles east of the project area and Kelso is approximately 5 miles east along the Cowlitz River. Rainier, Oregon, is approximately 4 miles upstream (southeast) of the project area along the south bank of the Columbia River. These cities contain a wide range of industrial, residential, commercial, recreation, and public facility land uses.

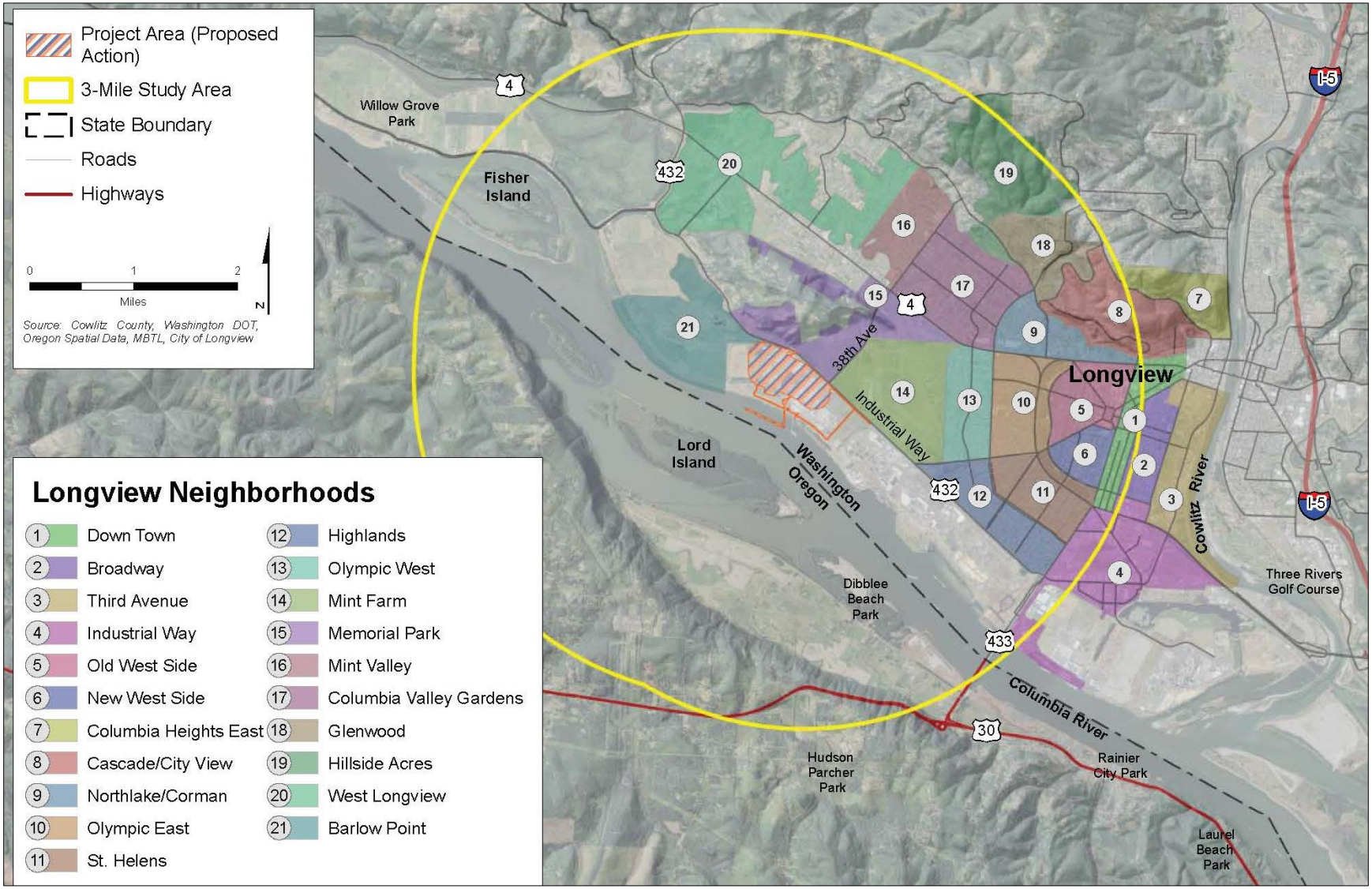
Industrial Way, which extends along the north side of the project area, is the nearest land transportation corridor. The project area includes multiple driveway access points and a short line rail connection to the mainline rail operated by BNSF. The Lewis and Clark Bridge (SR 433) is located approximately 3 miles upriver from the project area.

Except for the two single-family residences across Industrial Way from the project area, most residential areas are located in Longview city limits or unincorporated Cowlitz County and are at least 1 mile away from the project area. Nearby residential neighborhoods and their proximity to the project area are identified below. The distances listed are approximate and are measured from nearest project-area boundary to nearest neighborhood boundary. Figure 7 shows the location of these neighborhoods.

- Downtown (2.7 miles east)
- Broadway (2.9 miles east)
- Third Ave (3.3 miles east)
- Industrial Way (2.7 miles southeast)
- Old West Side (2.1 miles east)
- New West Side (2.2 miles east)
- Columbia Heights East (2.9 miles northeast)
- Cascade/City View (2.2 miles northeast)
- Northlake/Corman (1.6 miles northeast)
- Olympic East (1. 6 miles east)
- St. Helens (1.7 miles southeast)
- Highlands (1.0 miles southeast)
- Olympic West (1.1 miles east)
- Mint Farm (0.1 miles east)
- Memorial Park (adjacent to the north/northeast)

- Mint Valley (1.1 mile north/northeast)
- Columbia Valley Gardens (1.1 miles northeast)
- Glenwood (2.1 miles northeast)
- Hillside Acres (1.9 miles northeast)
- West Longview (1.1 miles north/northwest)
- Barlow Point residential/agricultural area (0.2 miles west)

Figure 7. Neighborhoods



There are numerous recreational opportunities and sites within the broader Longview, Kelso, and Rainier urban area. The Columbia River is a prominent recreational resource and supports boating, fishing, and other forms of water recreation. In addition, the Columbia River is part of two recreational trails that pass through the study area: 1) the 146-mile Lower Columbia River Water Trail, which extends from Bonneville Dam to the mouth of the Columbia River; and 2) the Lewis and Clark National Historic Trail. Dibblee Beach, an undeveloped recreational area, is located on the south shore of the Columbia River, directly southeast of the project area. Cowlitz County owns 21 parks and boat launches within 10 miles of the project area. The City of Longview, which adjoins the project area, administers 33 recreational facilities including 17 public parks (URS Corporation 2014b). The 16 parks and recreation areas listed below are in the study area. These parks and recreation areas are identified in Figure 4.

- Altrusa Park
- Archie Anderson Park
- Bailey Park
- Cloney Park
- Dibblee Beach
- John Null Park
- Kellogg Park
- Lake Sacajawea Park
- Mark Hoehne Park
- Mint Valley Golf Course
- R.A. Long Park
- Regency Park
- Rotary Park
- Roy Morse Park
- Vandercook Park
- Windemere Park

Because of existing topography, vegetation, and urban development, none of the parks within the county and the city portions of the study area has a view of the project area. However, users of the Columbia River and Dibblee Beach in Oregon do have views of the project area.

Lord and Walker Islands are located in Oregon directly south across the Columbia River. The islands are undeveloped and have no land access, but are part of the water trail network, and are used for primitive camping (i.e., a campsite with no support facilities). Other areas in the Columbia River floodplain on the south side of the river in Oregon are primarily composed of undeveloped rural or agriculture land. In addition, users of Rainier City Park, which is located along the Columbia River in Rainier, Oregon, outside the study area, have limited views of the project area.

2.2.1.2 Viewer Groups and Associated Key Viewpoints

The following sections describe the viewer sensitivity and associated key viewpoints for the views identified in Section 2.1.2, *Viewpoint Selection*: urban and industrial views, rural and residential views, and natural views. Eleven key viewpoints from which views of the project area could be affected were identified. Viewpoints are described individually below and are grouped by view type.

2.2.1.3 Urban and Industrial Views

The typical viewers in this area are assumed industrial workers and commuters traveling on Industrial Way. Visual sensitivity in the industrial use area along the Columbia River is expected to be low because of the existing industrial character of the landscape. Existing industrial facilities appear large in scale and clearly dominate the landscape character. Major visual lines are defined by buildings and structures, and thus are vertical, horizontal, and diagonal. The colors of the existing structures vary but are primarily neutral, including brown, grey, and white surfaces. Movement is an integral part of views of this area, resulting from vehicular traffic, personnel, and industrial emissions (plumes). Artificial lighting is common throughout the industrial area and clearly defines the extent of the heavy industrial area at night. Although most facilities lack extensive windows or other highly reflective surfaces, glare from light-colored building surfaces can be common on bright days. The concentration of similar facilities and land uses can make changes in nighttime lighting difficult to discern.

Key Urban and Industrial Viewpoints

- **Viewpoint 1, Industrial Way (1,620 feet southeast of the project area)**. This viewpoint represents views of the project area from nearby industrial areas. Views are from approximately the same elevation and are dominated by the numerous large-scale industrial facilities, transmission lines, and substations that occupy most of the land in this area. Industrial Way parallels the project area, limiting views to those obtained on approach to the project area, or at an approximate 90-degree angle as the viewer passes the project area (Figure A-1 in Appendix A).
- **Viewpoint 2, 38th Avenue (2,050 feet northeast of the project area).** From 38th Avenue, the project area is directly in front of the viewer on the approach to Industrial Way (Figure A-2 in Appendix A). Industrial facilities, transmission lines, and substations—all in the immediate foreground (within 1 mile) of the view—dominate the existing views.
- **Viewpoint 3, Mint Farm Industrial Area (2,680 feet northeast of the project area).** This viewpoint provides another view of the project area from a nearby industrial area. Existing facilities on the project area and transmission lines are partially visible through vegetation. The visual sensitivity of viewers at this location is low. The industrial character of the area is consistent with the historical industrial use of the Port and this area of Longview (Figure A-3 in Appendix A).

2.2.1.4 Rural and Residential Views

The typical viewers in this area are presumed to be residents of the city neighborhoods or of surrounding low-density unincorporated residential properties, including areas south of the river in Oregon. Some travelers on local and state transportation corridors, such as U.S. Route 30 (US 30) from the rural south side of the Columbia River, also have views of the project area.

The general landscape of the rural and residential area consists of natural and human-made features and patterns, often the result of an altered landscape that now supports rural farming or forestry development. The more intensely developed large-scale industrial facilities, high-voltage electrical transmission lines, electrical substations, and plumes of industrial emissions may or may not be clearly discernible.

As with similar land uses, longer distances make individual sites and uses difficult to discern within the surrounding industrial landscape. For example, a viewer at the Hillside Residential viewpoint (Viewpoint 5) is located approximately 3 miles northeast of the project area, making it difficult to identify specific changes to the existing area. Industrial emission plumes and artificial lighting are common throughout the industrial area along the Columbia River. Moreover, the concentration of emissions and light sources at similar facilities and land uses in this industrial area reduces the visual distinction of any single site or facility.

Key Rural and Residential Viewpoints

- **Viewpoint 4, Barlow Point Neighborhood (7,500 feet northwest of the project area)**. This viewpoint represents the views of the project area from the Barlow Point neighborhood, located adjacent to the northwest terminus of the project area. The general character of the area is agricultural. Large tracts of flat farm and open space, with dispersed housing (including a row of houses on Barlow Point Road) are accessed by narrow rural roads approximately 20 to 30 feet in width. The view of the project area is obscured from most of the Barlow Point neighborhood by the approximately 75-foot-tall, 47-acre Mount Solo landfill (EMCON Northwest 1992), a broad row of trees, and the levee along the Columbia River. Residents would not have direct views of the project area (Figure A-4 in Appendix A). Most foreground views feature open space but large utility transmission towers and emission plumes are visible in distant views. Although no direct sources of light from the project area or industrial facilities can be seen, ambient light originating from industrial uses, including the project area, is visible.
- **Viewpoint 5, Hillside Residential (14,875 feet northeast of the project area)**. This residential area is situated in the hills north of the floodplain and has sweeping views of the floodplain and river, which may include the industrial area. Residents of dispersed locations on the eastern hillsides may have views of the project area. Although private lots could not be accessed, viewpoint photographs were available from an undeveloped lot on Alexia Court (Figure A-5 in Appendix A). These areas are generally characterized by contiguous neighborhoods on winding hillside streets. Views from western residential areas are blocked partially or completely by Mount Solo (elevation 610 feet), which lies between the residential areas and the project area. Views of industrial areas are further obstructed by existing vegetation.

  Views from this area vary depending on location, but residential viewers could have high sensitivity to changes to the project area. Nighttime views from residential areas include the residential and commercial lighting of Longview and beyond. Lighting associated with the industrial facilities south of Industrial Way is also visible; however, no single facility dominates the existing views.
- **Viewpoints 6 and 7, US 30 Viewpoints (13,390 to 14,980 feet south of the project area)**. The US 30 corridor on the south side of the Columbia River extends 2 miles west from the Lewis and Clark Bridge. The corridor includes two scenic pullouts, both with scenic views of Mount St. Helens, Mount Rainier, the Columbia River, and surrounding hillsides. The prominent natural

features are the primary focal points but views include rural farmland on both sides of the Columbia River and the Longview/Kelso urban and industrial areas (1 to 5 miles away). Although individual facilities can be discerned from both viewpoints, these facilities are located in an industrial context. Furthermore, most viewers do not linger at road pullouts, and views are presumed to be short in duration (Figure A-6 and Figure A-7 in Appendix A).

Sources of light and glare at the viewpoints include moving vehicles. The ambient glow of the industrial use area along the Columbia River, including Port and Weyerhaeuser facilities, is also visible in the distance. Lighting from the individual facilities can be discerned; however, no facility or light source dominates views and light sources blend into the visual context of the industrial area's nighttime condition.

Viewer sensitivity to changes in the study area is assumed moderate from Viewpoints 6 and 7 due to the scenic nature of the views; however, views are transient and already include an existing industrial landscape along the Columbia River.

- **Viewpoint 8, Alston-Mayger Road (10,930 feet southwest of the project area)**. The road is located on a high bluff south of the Columbia River in Oregon. Views of the project area from this area occur primarily from single-family residences situated on the northern edge of the bluff. Views of the project area are extremely limited from the roadway because of topography and vegetation. Access constraints precluded observation and evaluation from residential lots. Views were available only from the edge of the road along private property (Figure A-8 in Appendix A). Views vary depending on their exact location, but residential viewers could have high sensitivity to changes to the project area. Scenic views of Mount St. Helens, Mount Rainier, the Columbia River, Lord Island, and Walker Island are the primary focal points, but views also include the Longview urban and industrial areas (approximately 2.5 to 5 miles away). Although individual industrial facilities can be discerned, the considerable distance to the project area reduces viewer sensitivity to individual developments within the larger industrial landscape.

  Viewer sensitivity from this viewpoint is moderate to high due to the residential viewing location; however, elements of the project area and the larger agglomeration of industrial facilities blend into a relatively contiguous industrial landscape. The ambient glow of the industrial area along the Columbia River, including Port and Weyerhaeuser facilities, is visible but no single facility dominates views.

- **Viewpoint 9**, **West Longview Neighborhood (8,000 feet northwest of the project area)**. This viewpoint is located along Willow Grove Connection Road (SR 432) just south of the residential neighborhood along Schneiter Drive. The general character of the area is single-family residential homes bordered by extensive wetlands associated with the Coal Creek Slough. The area between the neighborhood and the project area contains large tracts of agricultural land with dispersed single-family residences. The view of the project area is obscured by the approximately 75-foot-tall, 47-acre Mount Solo landfill (EMCON Northwest 1992) and a broad row of trees. Residents would not have direct views of the project area (Figure A-9 in Appendix A). Although no direct sources of lighting from the project area or industrial facilities can be seen, ambient light originating from industrial uses, including the project area, is visible.

2.2.1.5 Natural Views

The typical viewers in natural areas are assumed to be recreationalists using the Columbia River or public parks. As noted above, the Columbia River offers a variety of recreational opportunities such as boating, fishing, and other forms of water recreation, and the Lower Columbia River Water Trail

passes through the study area. Dibblee Beach offers public beach and water access, fishing, swimming, picnicking, sunbathing, and other passive recreation opportunities such as hiking and bird watching. The landscape character of natural areas is formed by distinctive and memorable natural features (e.g., landforms, rock, outcrops) and patterns (vegetation and open space) with few human-made features. Visual texture consists of rough natural surfaces and colors, including browns, yellows, and greens, and the smooth waters of the Columbia River. Views for a typical recreationalist are assumed infrequent and of short to moderate duration; however, viewer sensitivity tends to be high due to interest in natural areas and the inconsistency of natural and industrial lands.

In addition to use by recreationalists, the Columbia River is also navigable by commercial boat operators. Viewers from commercial boats are expected to have a low sensitivity to visual changes because of the infrequent and transitory nature of their views, making it unlikely that they would focus on changes to the project area.

Key Natural Viewpoints

- **Viewpoint 10, Dibblee Beach (6,500 feet south of the project area).** This waterfront area extends along the Columbia River from the confluence of the Cowlitz and Columbia Rivers northwest to the project area. This section of the river is characterized as a wide channel of flat water, with Lord Island and Walker Island visible in the northwest portion. The viewshed includes the river channel and shoreline areas on both the Washington and Oregon sides. The Washington shoreline includes heavy industrial and shipping uses with no public access. Dibblee Beach offers public recreational access to the Oregon shoreline south/southeast of the project area (Figure A-10 in Appendix A). Viewers from Dibblee Beach and on-water river recreationalists (e.g., anglers, water trail users, cruisers) are expected to have high viewer sensitivity to changes in the existing area. Light along the Columbia River mainly originates from industrial facilities along the river. Water surfaces also reflect light and glare during low light conditions.
- **Viewpoint 11, Willow Grove Park and Boat Launch (21,375 feet northwest of the project area).** The park offers 0.75 mile of public beach, picnic areas, pedestrian trails, and open spaces. The park shares paved parking lots and restroom facilities with the large paved boat launch, which is an important public access for boating and water activities on the Columbia River. The boat launch is located outside the study area, approximately 4.5 miles west of Longview, but was included as a viewpoint because it offers public access to the river and allows a viewer to travel upriver from the boat launch and into the study area. Views may then be affected as discussed in Viewpoint 10.

  Views of the project area are obstructed by vegetation on Fisher Island and Hump Island (Figure A-11 in Appendix A). Transmission lines and emission plumes adjacent to the project area are visible in background views (4 to 10 miles). Because of the existing vegetation, no individual lighting source is discernible from this location, but the ambient glow of the industrial area along the Columbia River and city lights from Longview and Kelso are detectable. Based on the screened views and distance from the project area, viewers would not be sensitive to changes in the project area.

Table 2 summarizes the viewer sensitivity levels and the existing visual quality of each viewpoint as it relates to the Proposed Action.

Table 2. Viewpoints, Viewer Sensitivity, and Existing Visual Quality—Proposed Action

View-point	View	Viewer Sensitivity	Viewer Description	Type
1	Looking west on Industrial Way	Low	Industrial workers and commuters travelling on Industrial Way and other local roads. Would experience frequent views of the project area from nearby industrial areas.	Urban/ Industrial
2	Looking south along 38th Avenue	Low	Industrial workers and commuters traveling on 38th Avenue and other local roads. Would experience frequent views of the project area from nearby industrial areas.	Urban/ Industrial/ Rural
3	Looking southwest from Mint Farm Industrial Area (from Prudential Boulevard)	Low	Industrial workers and commuters traveling Prudential Boulevard and other local roads. Would likely experience frequent views of the project area from nearby industrial areas.	Urban/ Industrial/ Commercial
4	Looking east from Barlow Point Road	High	Residents and agricultural workers looking east toward the project area. Would likely experience frequent views of the project area from rural areas located within the City of Longview and unincorporated Cowlitz County. Views may be of long duration and viewers may have a high sensitivity to change.	Rural/ Residential
5	Looking southwest from Hillside Residential (from Alexia Court)	High	Residents and travelers of local roads. Viewers would experience frequent dispersed views of the project area at various times of day and for long durations.	Rural/ Residential
6,7	Looking north/ northwest from US 30 viewpoints	Moderate	Highway travelers looking northwest from US 30 and scenic pullouts. Viewers would experience views of the project area for short durations. Frequency may range from infrequent for visitors to daily for commuters.	Rural
8	Looking northeast from Alston-Mayger Road	Moderate/ High	Residents and travelers looking northeast from rural residential areas along this road and to experience frequent dispersed views of the project area at various times and for long durations.	Rural/ Residential
9	Looking southeast from West Longview Neighborhood	None	Residents looking southeast toward the project area. Views of the project area are obstructed by Mount Solo landfill and existing vegetation.	Rural/ Residential

View-point	View	Viewer Sensitivity	Viewer Description	Type
10	Looking north from Dibblee Beach	High	Public beach and on-water recreationalists looking north toward the project area. Infrequent views of the project area of short duration but viewers may be highly aware of change. Few night viewers.	Natural
11	Looking east from Willow Grove Park and Boat Launch	None	Boaters and recreationalists looking east toward project area. Views would be obstructed by vegetation on Fisher and Hump Islands in Columbia River. Boaters traveling upriver may experience varying views of the project area.	Natural

Chapter 3
Impacts

This chapter describes the impacts on aesthetics that would result from construction and operation of the Proposed Action or the ongoing activities of the No-Action Alternative.

3.1 Proposed Action

The Proposed Action would introduce new light sources to the project area. The new artificial light would be partially offset by removing some outdoor lighting during the demolition of existing buildings and facilities. Lighting plans are preliminary and it is expected that the Proposed Action would require three levels of lighting, as described below.

- **Low-level lighting.** Low-level ambient light would be required for general area lighting. This level of lighting would be used along pedestrian and vehicular access roads, in the maintenance and storage areas, and at the water treatment and pump stations. Most ambient lights would be standard pole-mounted streetlights (approximately 30 feet in height) or structure-mounted lights. Typical access lighting in some areas, such as stairways and walkways on the stackers and reclaimers or conveyor transfer points, would be turned on with light and motion sensors as needed for operator safety. In addition, most conveyor lighting would be contained within the structures enclosing the conveyors and light spill would be limited.
- **Moderate-level lighting.** Moderate-level lighting would provide safety and operation lighting at key points such as the head or tail end of the conveyor system or indexers. Colored navigational lights on the docks and clearance lights at the top of tall structures are also considered a moderate-level light. In most instances, moderate-level lights would be directed sources.
- **High-intensity, spot-level lighting.** High-intensity, spot-level lighting would be required for vessel arrival and departure and for accessing equipment on the docks during nighttime operation. One or two ships would be moored at the terminal at a time and would be lit with suitable working and safety lighting. Stockpiles would not be lit except for some high-intensity, directed lighting to illuminate areas where stackers and reclaimers are working during periods of low light. Stackers and reclaimers would be unmanned but monitored with cameras; this lighting would be necessary for camera visibility. It is anticipated that only one stacker and one or two reclaimers and the associated lighting would operate at any given time.

Table 3 summarizes the proposed operational areas and light conditions. Figure 8 identifies the operational areas discussed in Table 3.

Table 3. Proposed Operational Areas and Lighting—Proposed Action

Area	Function	Level of Lighting	Type of Lighting[a]
Rail Operations			
Train arrivals and departures	Lighting for areas for crew changes, switching points, etc.	Low	Area. Mounted on 30-foot poles.
Indexer	Lighting for placement and operation of indexer and sufficient for camera to monitor safety of work and equipment use	Moderate	Directed.
Stockyard			
Berm conveyors	Lighting for personnel access along length of conveyor; more lighting at tail and head ends of conveyors	Low/ Moderate	Area.
Conveyor transfer points	Pedestrian-level lighting; higher levels around head and tail ends of conveyors	Low	Directed. Mostly within enclosed structures.
Stackers and reclaimers	Pedestrian-level stair and walkway lighting; higher levels for work areas, operational equipment, and clearance lights at top of equipment masts	Low/ Moderate/ High	Directed. Illuminates stacking and reclaiming operation for camera visibility. Access lights would be motion/light-sensor controlled.
Enclosure Conveyor			
Receiving and shipping	Lighting for pedestrian access along conveyor and through gallery	Low	Directed. Access lights would be motion/light-sensor controlled.
Dock			
Conveyors	Pedestrian-level lighting along length of conveyors	Low	Area.
Conveyor transfer points	Pedestrian-level lighting; higher levels around head and tail ends of conveyors	Moderate	Directed.
Mooring, deck	Lighting for vessel arrival/departure and for dock plant and equipment	High	Directed. As required to illuminate operations and to ensure edge of dock is clearly visible.
Navigation	Clearance lighting	Moderate	Point. Shows extent and height of facilities.

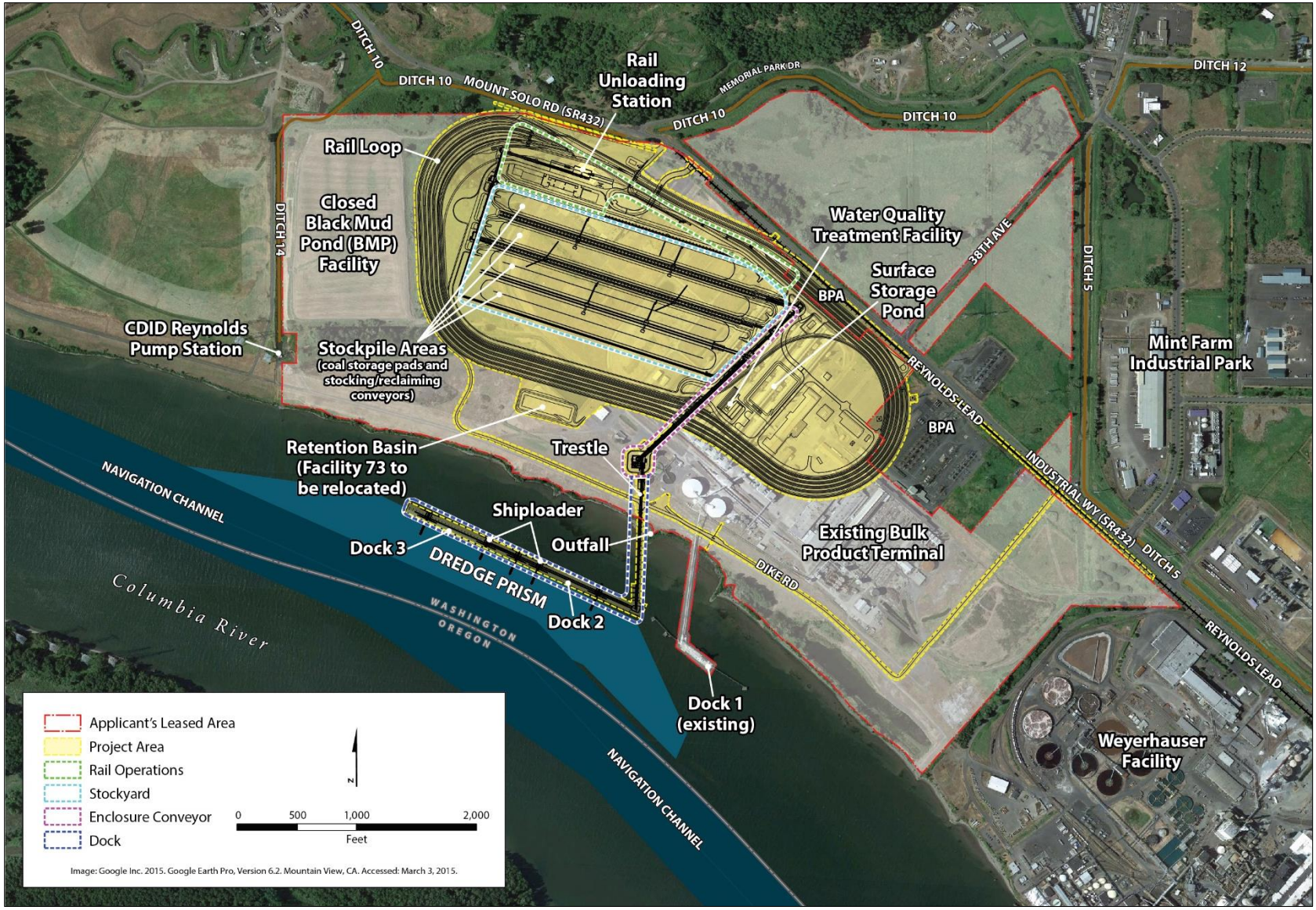
Area	Function	Level of Lighting	Type of Lighting[a]
General Area			
Access road	Lighting for clear identification of roadways	Low	Area. Lighting for roadways. Mounted on 30-foot poles.
Maintenance area and storage	Maintenance/services/repair lighting for work and safety	Low	Area. Lighting for roadways. Mounted on 30-foot poles.
Water treatment and pump stations	Plant and equipment lighting for operation and maintenance	Low	Area. Lighting walkway and work areas.
Structures, towers, and docks	Air clearance lighting to warn of equipment proximity and potential interference	Moderate	Point. Shows extent and height of facilities.

Notes:

Source: Millennium Bulk Terminals—Longview 2014b

[a] Area Lighting: General illumination for pedestrian and vehicle travel, general task lighting, or security. Directed Lighting: Illumination for function purposes such as inspections, safe equipment operation and maintenance, and work areas. Point Lighting: Light sources identifying direction or navigational extents, height, or direction

Figure 8. Proposed Operational Areas and Lighting



Overall, the visual quality of the Proposed Action would be similar to the existing surrounding industrial development. The forms, lines, colors, and scale of existing and proposed buildings and elements also would be similar to nearby heavy industrial developments and the facility would be visually compatible with the surrounding industrial uses. Prominent new visual features and structures would include the coal stockpiles (approximately 85 feet high), eight transfer towers and two shiploaders (80 to 90 feet high), a surge bin (approximately 146 feet high), and vessels at the docks (approximately 190 feet high for Panamax vessels).

The following sections describe the potential aesthetic impacts attributable to the construction and operation of the Proposed Action. The levels of impact for each viewpoint are identified as high, moderate, low, and no impact, as defined above in Section 2.1.5, *Impact Analysis*.

3.1.1 Construction: Direct Impacts

The construction of the Proposed Action would begin with the demolition of the existing cable plant (approximately 270,000 square feet) and potline buildings (approximately 600,000 square feet) and ancillary structures and facilities (URS Corporation 2013). Demolition activities also would include the removal of approximately 6 acres of forested wetland in the northwest corner of the project area. The existing trees are directly south of Mount Solo and east of the Mount Solo landfill along Industrial Way; their removal would mainly affect travelers along Industrial Way.

Following demolition and general area preparation, the project area would be preloaded to increase the strength of the underlying project area soils to accommodate the four future coal stockpiles. This activity would involve placing preloading material (soils from the project area and elsewhere) in piles up to 35 feet high in the location of each future coal stockpile pad. This material would remain in place until soil consolidation below is achieved, which may take up to 7 years. Two stockpile areas would be preloaded during Stage 1 of construction and up to 3 years could be required for the consolidation of the underlying soils. The remaining two stockpile areas would be preloaded during Stage 2 of construction. As with the Stage 1 preloading, up to 3 years could be required for the consolidation of the underlying soils. The preloading activities would be the longest phase of construction.

During construction, activities would include the use of heavy machinery such as cranes, wheel loaders, dozers, dump trucks, excavators, graders, rollers, compactors, drill rigs, pile driving equipment, portable ready-mix batch plant, ready-mix trucks, concrete pumps, elevated work platforms, forklifts, rail track laying equipment, welders, water pumps, river dredging barges, and other related equipment (URS Corporation 2013). Construction would also involve construction lighting and project area safety lighting or warning flashers as well as shoreline and in-water construction activities for the proposed docks.

Overall, construction of the Proposed Action would result in the following direct impact.

Change Visual Features of Project Area

Construction activities on the project area would be visible to residents, workers, commuters, recreationalists, and boat operators, but these activities would be temporary and consistent with the general industrial context of the surrounding area. Although preloading berms may remain in place for up to 7 years, these would not be a prominent visual feature in the larger industrial waterfront. Furthermore, in this industrial context, it would be difficult for more

distant viewers, particularly rural and residential viewers at Viewpoints 6, 7 and 8 (Figures A-6, A-7, and A-8 in Appendix A), to perceive noticeable changes during construction. Construction of the Proposed Action would result in a low level of impact on aesthetics and visual quality.

3.1.2 Construction: Indirect Impacts

Construction of the Proposed Action would not result in indirect impacts on aesthetics and visual quality.

3.1.3 Operations: Direct Impacts

Operations associated with the Proposed Action would result in the following direct impacts.

3.1.3.1 Urban and Industrial Views

Change Visual Features of the Project Area

Operation of the Proposed Action would introduce new visual features to the project area and accompanying new sources of light and glare. The new visual features would include new structures and equipment, additional workers, and increased vehicle, train, and ship movements on and adjacent to the project area. It is also anticipated that at least one Panamax-sized vessel would be moored at the proposed dock facilities at any given time. These features would alter the aesthetics of the project area. The new activities would result in new sources of light and glare. However, these changes would be consistent with the existing industrial aesthetics of the project area and the surrounding area.

Viewpoints from urban and industrial areas are generally near the project area. Views are dominated by existing industrial facilities, operations, and activities. Large-scale buildings, heavy utility transmission lines, industrial plumes, and ancillary facilities and equipment define the existing visual character of the project area. The coal stockpiles and conveyor systems, rail lines, and other equipment and structures would be consistent with the overall visual character of the urban and industrial viewpoints. With the Proposed Action, the existing, rectangular, geometric potline buildings and cable plant buildings would be replaced by coal stockpiles. The sizes and long, straight lines of the coal piles would be similar to the concrete and metal buildings, and the horizontal ground-level rail lines would be less visually dominant than the existing buildings. Vessels moored at the proposed docks are not expected to be visible from most urban and industrial viewpoints. Figures A-12 and A-13 in Appendix A present the photo simulations for Viewpoints 1 and 2. Overall, because the Proposed Action would be visually compatible with surrounding industrial uses and would affect a low number of sensitive viewers, the Proposed Action would have a low level of impact on views from urban and industrial viewpoints.

Introduce New Sources of Light and Glare to the Project Area

Artificial light is common throughout the Longview industrial area and along the Columbia River adjacent to the Port of Longview. It clearly defines the extent of the heavy industrial operations but the concentration of similar facilities and land uses would make changes in nighttime lighting on a particular area difficult to discern. The new artificial light produced by the Proposed Action would be partially offset by the removal of some outdoor ambient lighting

during demolition of existing buildings and facilities. Similarly, the Proposed Action would have considerably fewer reflective surfaces than the existing buildings. Glare impacts for urban and industrial viewers would be reduced because metal, concrete, and other reflective materials (including windows) would be demolished under the Proposed Action. Overall, the Proposed Action would result in no new light and glare impacts on views from urban and areas.

Change Visual Perception by Viewers

The viewers in this area would be industrial workers and commuters traveling on Industrial Way. The visual perception of these viewers is limited because their attention is focused on work, construction, or commuting activities. Project area operations would occur 24 hours per day, similar to adjacent industrial areas. The sensitivity of workers at adjacent facilities is generally considered low. The Proposed Action would result in a low level of impacts on viewers' visual perception from urban and industrial Viewpoints 1, 2, and 3.

Table 4 summarizes visual, light and glare, and viewer impacts from Viewpoints 1, 2, and 3 (see Figures A-12 and A-13 in Appendix A for photo simulations of viewpoints 1 and 2).

Table 4. Visual, Light and Glare, and Viewer Impacts (Viewpoints 1, 2, and 3)—Proposed Action

View-point	View	Distance (feet)[a]	Visual Impact	Light & Glare Impact	Viewer Impact
1	Looking west on Industrial Way. Primary view would be of rail lines and stockpile areas. Demolition of existing buildings and lighting and reduction of manmade materials would reduce visual impacts. Visual impact also would be reduced because views would be partially obscured by utility transmission lines and structures.	1,620	L	N	L
2	Looking south along 38th Street. Main views would be almost perpendicular to project area. Demolition of existing buildings and lighting and reduction of manmade materials would reduce visual impacts and resulting colors and textures would partially blend into background and natural environments.	2,050	L	N	L
3	Looking southwest from Mint Farm Industrial Area (from Prudential Boulevard). Most views of would be screened by vegetation. Some structures and facilities may be seen more easily during winter months when vegetation is dormant.	2,680	L	N	L

Notes:
[a] Distance from project area
L = low level of impact; N = no impact.

3.1.3.2 Rural and Residential Views

Change Visual Features of Project Area

Prominent views from the rural and residential viewpoints include the existing industrial area along the Columbia River and a broader context that includes Mount St. Helens, Mount Rainier, the Columbia River, surrounding hillsides, rural farmland, and continuous stands of native vegetation and other features that bring natural characteristics into the visual character.

Views from the upland viewpoints would change as the large, rectangular potline and cable plant buildings are demolished and replaced by large coal piles with the Proposed Action. The demolition of approximately 6 acres of forested wetland would change the visual character of the northwest corner of the project area. However, due to the proximity to Mount Solo and the Mount Solo landfill, which obstruct views from many rural and residential areas, this part of the project area is seen by a limited number of viewers and commuters traveling along US 30 in Oregon. Overall, the project area would continue to appear in a larger context of existing vegetated and undeveloped areas. The Proposed Action would not obstruct views of Mount St. Helens, Mount Rainier, or the Columbia River from rural and residential viewpoints. Figures A-14, A-15, A-16 in Appendix A present the photo simulations for Viewpoints 5, 6, and 8.

The scale of the proposed dock, vessels, shiploaders, coal piles, and related conveyors would be discernible from the more distant rural and residential viewpoints. However, these facilities would appear in the context of the existing upland industrial facilities and adjacent heavy industrial areas as a relatively continuous visual resource for viewers. Views of the shoreline would be obstructed by the proposed docks, which would be up to 2,300 feet long. Overall, visual impacts on rural and residential views due to the Proposed Action would be difficult to perceive because of the distance between the viewpoints and the project area, as well as the Proposed Action's visual compatibility with adjacent industrial uses. Therefore, the Proposed Action would result in a low level of impact on rural and residential views from Viewpoints 5, 6, 7, and 8. The Proposed Action would not be visible from Viewpoints 4 and 9 and would result in no impact on views from these viewpoints.

Introduce New Sources of Light and Glare to Project Area

New artificial light produced by the Proposed Action would be partially offset by the removal of some outdoor ambient lighting during demolition of existing buildings and facilities. In addition, glare would be reduced because most demolished facilities include extensive metal, concrete, or other reflective surfaces (including windows). In distant views from hillsides in Longview (Viewpoint 5), the Proposed Action's artificial lighting would likely be difficult to discern given the distance between the viewpoint and the project area and the existing context of lighted industrial uses along the Columbia River. Furthermore, the Proposed Action would not be visible from Viewpoint 4 on Barlow Point and Viewpoint 9 in West Longview because of the Mount Solo landfill and existing vegetation. Therefore, the Proposed Action would result in a low level of impact on rural and residential views from Viewpoint 5 and no impact on rural and residential views from Viewpoints 4 and 9.

The proposed dock facilities would require prolonged moderate to high levels of light for operation at night while vessels are arriving, departing, or being loaded. Proposed lighting associated with the dock facilities would be reflected in the waters of the Columbia River and may be visible from some rural and residential viewpoints (Viewpoints 6, 7, and 8). However,

the distance to these viewpoints and the existing concentration of similar facilities and land uses along the waterfront would make changes in nighttime lighting difficult to discern. Therefore, the Proposed Action would have a low level of impact on light and glare at these viewpoints. Overall, light and glare impacts for rural and residential views would range from no impacts to low impacts.

Change Visual Perception by Viewers

Viewers in the rural and residential area are presumed to be residents within the City of Longview neighborhoods or of surrounding low-density residential areas, including areas south of the Columbia River in Oregon. Some travelers on local and state transportation corridors such as US 30 south of the Columbia River would also have dispersed views of the project area. Visual sensitivity in the rural and residential area is assumed high because views are often prolonged and stationary and residential viewers are sensitive to change. However, most residents would not have direct views of the project area and the Proposed Action would be in keeping with the existing industrial character of the surrounding area. Therefore, the Proposed Action would result in a low level of impact on viewers' visual perceptions from Viewpoints 5, 6, 7, and 8, and no impact on views from Viewpoints 4 and 9.

Table 5 summarizes visual, light and glare, and viewer impacts from Viewpoints 4 through 8 (see Figures A-14, A-15, and A-16 in Appendix A for photo simulations of viewpoints 5, 6, and 8).

Table 5. Visual, Light and Glare, and Viewer Impacts (Viewpoints 4 through 8)—Proposed Action

View-point	View	Distance (feet)[a]	Visual Impact	Light & Glare Impact	Viewer Impact
4	Looking east from Barlow Point Road. General visual character is agricultural with large tracts of farmland and dispersed housing. Views obstructed by small hill, broad row of trees, and Columbia River levee. Project area would not be visible from this location. Direct sources of light would not be seen.	7,500	N	N	N
5	Looking southwest from hillside residential areas (from Alexia Court). Views are elevated above the project area. Small portion of proposed facility would be visible in this view; other locations on hillside are expected to have views of project area. Areas are characterized by contiguous residential neighborhoods on winding hillsides. Most views partially/completely blocked by vegetation and Mount Solo. Light sources may be discerned but no single facility expected to dominate views.	14,875	L	L	L
6 & 7	Looking north/northwest from US 30. Views are from vehicles traveling along highway and from two scenic viewpoints. Views of Mount St. Helens, Mount Rainier, the Columbia River, rural farmland, and surrounding hillsides are prominent scenic focal points. Individual facilities and vessels can be discerned but no	13,390–14,980	L	L	L

View-point	View	Distance (feet)[a]	Visual Impact	Light & Glare Impact	Viewer Impact
	single facility expected to dominate views. Lighting for dock facilities may be visible and reflected by Columbia River while vessels are arriving, departing, or being loaded.				
8	Looking northeast from Alston-Mayger Road. Views of project area occur primarily from single-family residences. Viewpoint dominated by scenic views of Mount St. Helens, Columbia River, and Lord and Walker Islands. Individual facilities and vessels can be discerned but no single facility expected to dominate views. Lighting for dock facilities may be visible and reflected by Columbia River while vessels are arriving, departing, or being loaded.	10,930	L	L	L
9	Looking south from West Longview residential neighborhood. Project area would not be visible from this location.	8,000	N	N	N

Notes:
[a] Distance from project area
L = low level of impact; N = no impact.

3.1.3.3 Natural Views

Change Visual Features of Project Area

The proposed docks, shiploaders, coal stockpiles, trestles and ancillary equipment associated with the Proposed Action would introduce new large-scale industrial uses along the Columbia River. The Proposed Action would introduce straight lines, geometric forms, hard visual textures, and human-made materials to the project area. It is also anticipated that at least one vessel would be moored at the proposed docks at any given time. Panamax-sized vessels that would use the proposed docks would be approximately 950 feet in length, 106 feet wide (beam), and 190 feet high. These changes would be visible to on-water recreational users and viewers from Dibblee Beach on the south shore of the river (Viewpoint 10). However, the new facilities would be contiguous and visually consistent with existing industrial facilities, and vessels are commonly traveling up river, anchored, or moored along the Port of Longview shoreline. Therefore, the Proposed Action would have a moderate impact on views from Viewpoint 10 because it would introduce operations, buildings, and structures that would be visible to sensitive viewers, but the Proposed Action would be consistent with adjacent land uses. Figure A-17 in Appendix A presents the photo simulation for Viewpoint 10. The Proposed Action would not be visible from Viewpoint 11 and would not result in impacts on views from Viewpoint 11. Proposed mitigation measures presented in the Final EIS (Volume I) would minimize the moderate level of impacts on views from Viewpoint 10.

Introduce New Sources of Light and Glare to Project Area

New lighting associated with the dock facilities would result in a moderate level of light impacts on views from Dibblee Beach (Viewpoint 10) where the Proposed Action's lighting would be visible and would be reflected in the waters of the Columbia River. For distant viewers, artificial

lighting is common throughout the Port of Longview industrial area on the Columbia River, and the concentration of similar facilities and land uses would make changes in nighttime lighting difficult to discern for distant viewers. The Proposed Action would result in moderate impacts related to light and glare because most recreational viewers in natural areas view the project area during daylight conditions. Proposed mitigation measures presented in the Final EIS (Volume I) would minimize the moderate level of impacts on viewers from Viewpoint 10.

Change Visual Perception by Viewers

The views from natural areas are presumed to be from on-water recreational viewers (e.g., anglers, water trail users, cruisers) and viewers from Dibblee Beach on the south bank of the Columbia River. For a typical recreationalist, views would be infrequent and of short to moderate duration. However, viewer sensitivity tends to be high because of viewers' expectation of natural views, the public nature of and interest in some natural areas, and the contrast between natural and industrial lands. Moreover, the movement of ships, trains, and equipment introduces additional visual impacts on viewers from natural areas.

The Columbia River is also navigated by commercial boat operators. Viewers from commercial boats are expected to have a low sensitivity to changes in aesthetics. Because of low sensitivity, infrequent views, and the transitory nature of boat operator views, it is unlikely that viewers would experience negative visual impacts based on changes to the existing project area. Overall, the Proposed Action would not result in impacts on viewers' visual perceptions from Viewpoint 11 and a moderate level of impact on viewers' visual perceptions from Viewpoint 10. Proposed mitigation measures presented in the Final EIS (Volume I) would minimize the moderate level of impacts on viewers from Viewpoint 10.

Table 6 summarizes visual, light and glare, and viewer impacts from Viewpoints 10 and 11 (see Figure A-17 in Appendix A for a photo simulation of Viewpoint 10).

Table 6. Visual, Light and Glare, and Viewer Impacts (Viewpoints 10 and 11)—Proposed Action

View-point	View	Distance (feet)[a]	Visual Impact	Light & Glare Impact	Viewer Impact
10[b]	Looking north/northwest from Dibblee Beach. Views are of wide flat-water channel with Lord and Walker Islands to west. Heavy industrial uses and facilities characterize north riverbank. Light sources may be discerned and glare impacts are increased by water; however, no single facility expected to dominate views and recreational viewers are limited at night. Lighting for dock facilities may be visible and reflected by Columbia River while vessels are arriving, departing, or being loaded.	6,500	M	M	M
11	Looking east from Willow Point Boat Launch. Views of project area are obstructed by vegetation on two islands in Columbia River and light sources would have no impact. Located outside the study area, approximately 4.5 miles northwest of Longview on Columbia River, but allows river access from which public could travel upriver and into study area, where views of project area may be affected as for Viewpoint 9.	21,375	N	N	N

Notes:
[a] Distance from project area
[b] This viewpoint also represents the potential impacts of the Proposed Action for on-water viewers. Views would be comparable from Dibblee Beach and an on-water location.
L = low level of impact; N = no impact

3.1.4 Operations: Indirect Impacts

Operation of the Proposed Action would not result in indirect impacts on aesthetics and visual quality.

3.1.5 Proposed Action Impact Summary

Construction and operation of the Proposed Action would introduce new visual, aesthetic, and light and glare elements that would be visible from viewpoints in the study area. These elements would result in varying levels of aesthetic impacts depending on the type of viewer, the use of the view, and the context of the view.

Viewers from urban and industrial viewpoints would view the Proposed Action from similar heavy industrial areas. The Proposed Action would be visually compatible with surrounding industrial uses and would affect a low number of sensitive viewers, and thus would have no visual impact to low visual impacts on views from urban and industrial viewpoints.

For viewers at rural and residential viewpoints, the Proposed Action would appear in the context of the existing upland industrial facilities and adjacent heavy industrial areas as a relatively continuous visual resource. Visual impacts on rural and residential views would be difficult to perceive because

of the distance between the viewpoints and the project area, as well as the Proposed Action's visual compatibility with adjacent industrial uses. Therefore, the Proposed Action would result in no visual impact to low visual impacts on views from rural and residential viewpoints.

For viewers at natural viewpoints, the Proposed Action would introduce operations, buildings, and structures that would be visible to sensitive viewers from the Columbia River and Dibblee Beach. The Proposed Action would also introduce moderate to high levels of light for operation at night. This light would be visible from the natural viewpoints and would be reflected in the waters of the Columbia River. Although the Proposed Action would appear in the context of similar industrial uses along the Columbia, it would result in moderate visual impacts on views from natural viewpoints due to the sensitivity of viewers, its proximity to certain viewpoints (notably Dibblee Beach), and the potential for new sources of nighttime light and glare from dock lighting.

Overall, the Proposed Action would result in no visual impact to low visual impacts on views from all viewpoints except the natural viewpoint at Dibblee Beach (Viewpoint 10), where it would result in moderate impacts. Moderate level impacts from Viewpoint 10 would be minimized with the implementation of proposed mitigation measures presented in the Final EIS (Volume I).

3.2 No-Action Alternative

The following sections describe the potential aesthetic impacts attributable to the construction and operation of the No-Action Alternative.

3.2.1 Construction: Direct Impacts

Construction of the No-Action Alternative would result in the following direct impact on aesthetics, and visual quality.

Change Visual Features of Project Area

Construction of the No-Action Alternative may involve the demolition and replacement of some existing buildings on the project area to facilitate the expansion of current operations and the development of an expanded bulk products terminal. As with the Proposed Action, construction activities under the No-Action Alternative would be visible to residents, workers, commuters, recreationalists, and boat operators, but these activities would be temporary and consistent with the general industrial context of the surrounding area. Furthermore, given the more limited physical changes to the project area under the No-Action Alternative compared to the Proposed Action, construction activities would be expected to be of shorter duration and intensity. Like the Proposed Action, it would be difficult for more distant viewers (particularly rural and residential viewers at Viewpoints 6, 7 and 8) to perceive noticeable changes during construction under the No-Action Alternative. The No-Action Alternative would not involve physical changes to the existing dock (Dock 1) nor construction of new docks and, therefore, recreational viewers on the Columbia River (Viewpoint 10) would not be affected.

Overall, construction of the No-Action Alternative would have a low level of impact on aesthetics and visual quality.

3.2.2 Construction: Indirect Impacts

Construction of the No-Action Alternative would not result in indirect impacts on aesthetics and visual quality.

3.2.3 Operations: Direct Impacts

Operation of the No-Action Alternative would result in the following direct impacts on aesthetics and visual quality. Given the minimal changes to the project area proposed under the No-Action Alternative, no photo simulations were produced.

Change Visual Features of Project Area and Introduce New Sources of Light and Glare

As allowed under existing zoning, the No-Action Alternative could result in new buildings or structures on the project area, an expanded bulk product terminal, and increased bulk product transfer activities. Changes to aesthetic and visual conditions would occur as a result of these new structures and changes to operations, which would include the increased movements of people, equipment, vehicles, trains and ships as bulk product transfer activities increase. These activities would alter the aesthetics of the project area. However, these changes would be consistent with the existing industrial aesthetics of the project area and the surrounding area, and would therefore result in a low level of impact.

New activities and structures under the No-Action Alternative would be visible to viewers at industrial viewpoints (Viewpoints 1, 2, and 3) but, as noted above, these viewers tend to have low sensitivity to changes in visual conditions. Furthermore, the facilities and activities under this alternative would not substantially change the project area's existing visual attributes, and new industrial forms would be compatible with the existing visual character of the surrounding industrial area. Therefore, the No-Action Alternative would result in a low level of impacts on views from industrial viewpoints.

From more distant viewpoints (Viewpoints 4, 5, 6, 7, 8, and 10), changes to project area operations would become more difficult to perceive, and new or changed buildings or facilities would appear as a relatively continuous industrial waterfront for viewers. Therefore, the No-Action Alternative would result in a low level of impacts on views from more distant viewpoints (Viewpoints 4, 5, 6, 7, and 8). The No-Action Alternative would not be visible from Viewpoints 9 and 11 and would therefore result in no impact on views from these viewpoints.

As with the Proposed Action, the No-Action Alternative would be visible to viewers at Dibblee Beach (Viewpoint 10) and on the Columbia River. However, new or changed facilities would be located among existing industrial facilities on the project area and would remain contiguous and visually consistent with existing industrial facilities along the Longview shoreline. No additional docks would be built under the No-Action Alternative. Therefore, the No-Action Alternative would have a low level of impact on views from Viewpoint 10.

The No-Action Alternative would not change the existing dock, but there could be an increase in the volume or timing of material transport operations and lighting on the existing dock. Light and glare impacts on recreational viewers on the Columbia River (Viewpoint 10) would be low because most recreational viewers access the river during daylight hours and would not experience increased light and glare impacts. Furthermore, potential changes to nighttime lighting under the No-Action Alternative would be seen within the industrial visual context of

this section of the Columbia River waterfront. Additional lighting under the No-Action Alternative would not dramatically increase ambient or point source light sources in the industrial area. Therefore, the No-Action Alternative would have a low level of light and glare impacts.

3.2.4 Operations: Indirect Impacts

Operation of the No-Action Alternative would not result in indirect impacts on aesthetics and visual quality.

Chapter 4
Required Permits

No permits related to aesthetics and visual quality would be required for the Proposed Action.

Chapter 5
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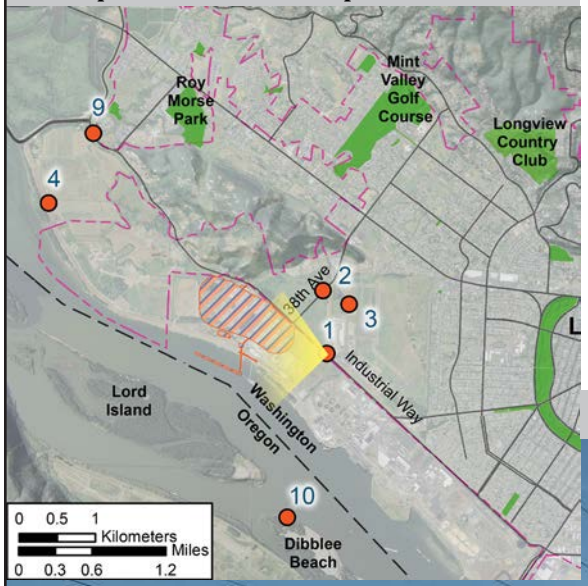
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Appendix A
Viewpoints for Aesthetics, Light, and Glare Analysis

Viewpoint Location Map



Existing Nighttime Conditions

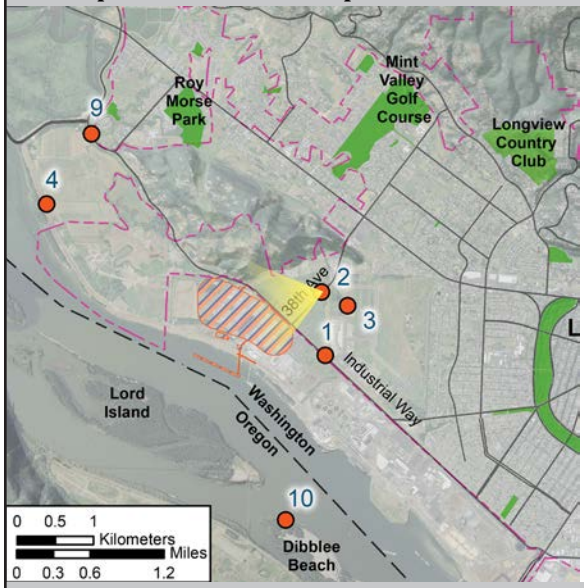


Existing Conditions Photograph - Viewpoint 1



Figure A-1
Proposed Action Existing Conditions Photograph - Viewpoint 1
(View from Industrial Way)
Millennium Bulk Terminals—Longview

Viewpoint Location Map



Existing Nighttime Conditions



Existing Conditions Photograph - Viewpoint 2



Figure A-2
Proposed Action Existing Conditions Photograph - Viewpoint 2
(View from 38th Ave)
Millennium Bulk Terminals—Longview

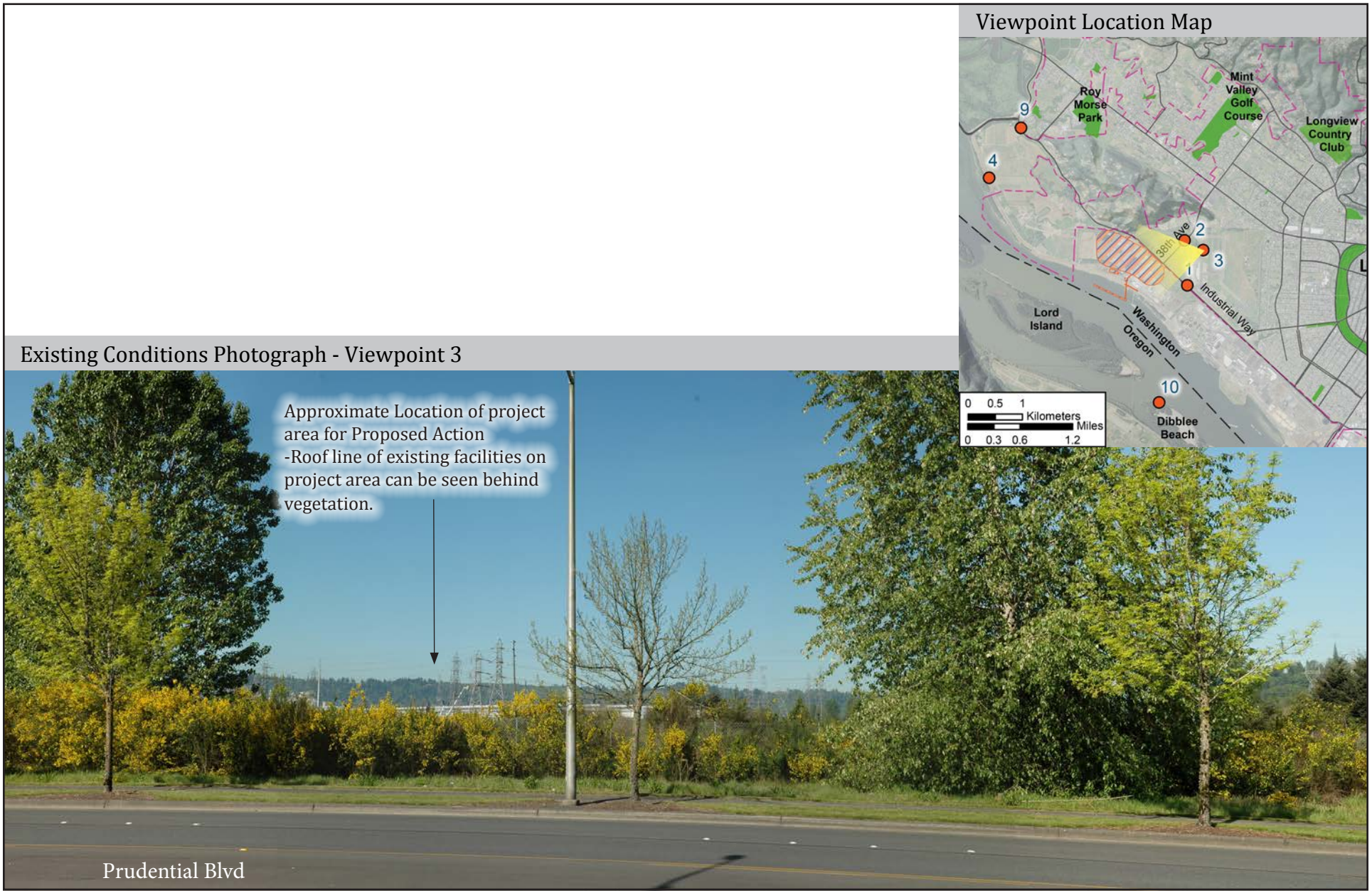
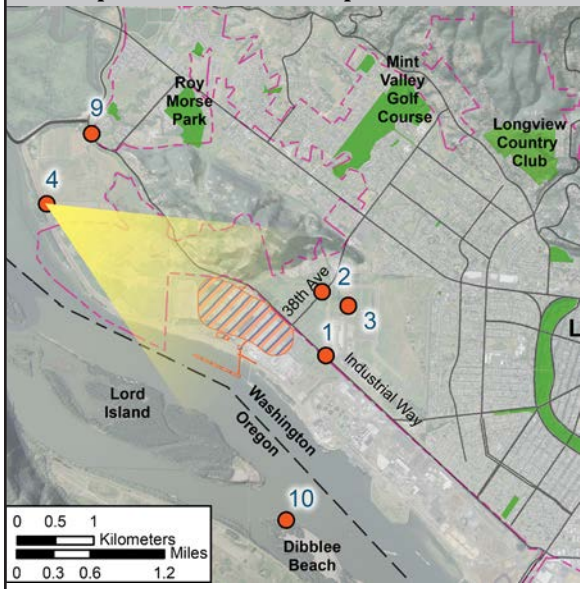


Figure A-3
Proposed Action Existing Conditions Photograph - Viewpoint 3
(View From Mint Farm Industrial Park)
Millennium Bulk Terminals—Longview

Viewpoint Location Map



Existing Nighttime Conditions



Existing Conditions Photograph - Viewpoint 4

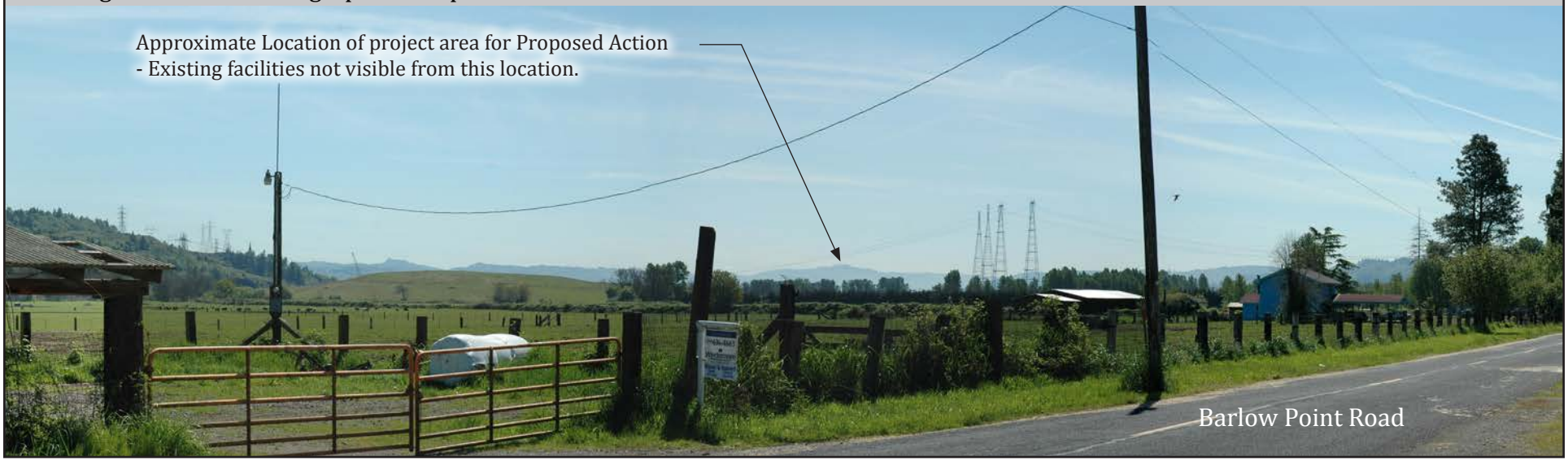
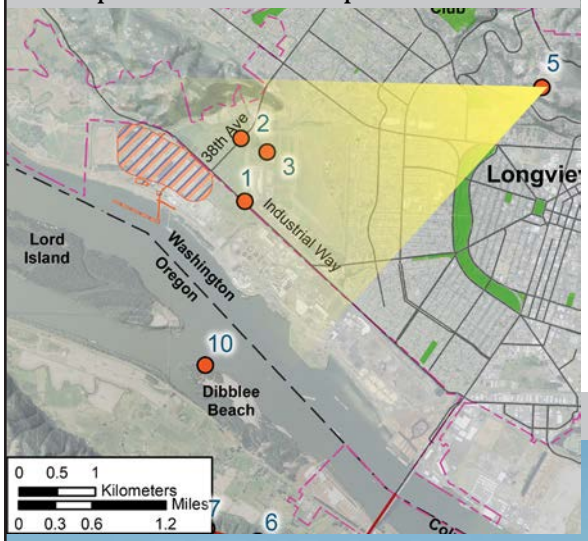


Figure A-4
Proposed Action Existing Conditions Photograph - Viewpoint 4
(View from Barlow Point Road)
Millennium Bulk Terminals—Longview

Viewpoint Location Map



Existing Nighttime Conditions



Existing Conditions Photograph - Viewpoint 5

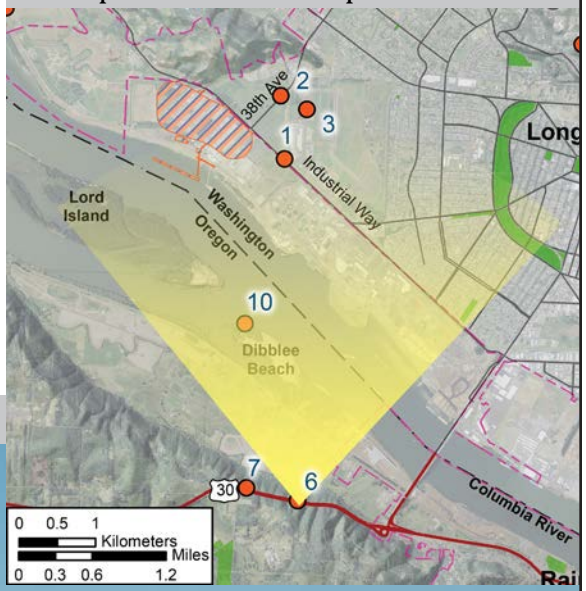


Figure A-5
Proposed Action Existing Conditions Photograph - Viewpoint 5
(View from Hillside Residences)
Millennium Bulk Terminals—Longview

Existing Nighttime Conditions



Viewpoint Location Map



Existing Conditions Photograph - Viewpoint 6



Figure A-6
Proposed Action Existing Conditions Photograph - Viewpoint 6
(View from US Route 30, Upper Pull-off)
Millennium Bulk Terminals—Longview

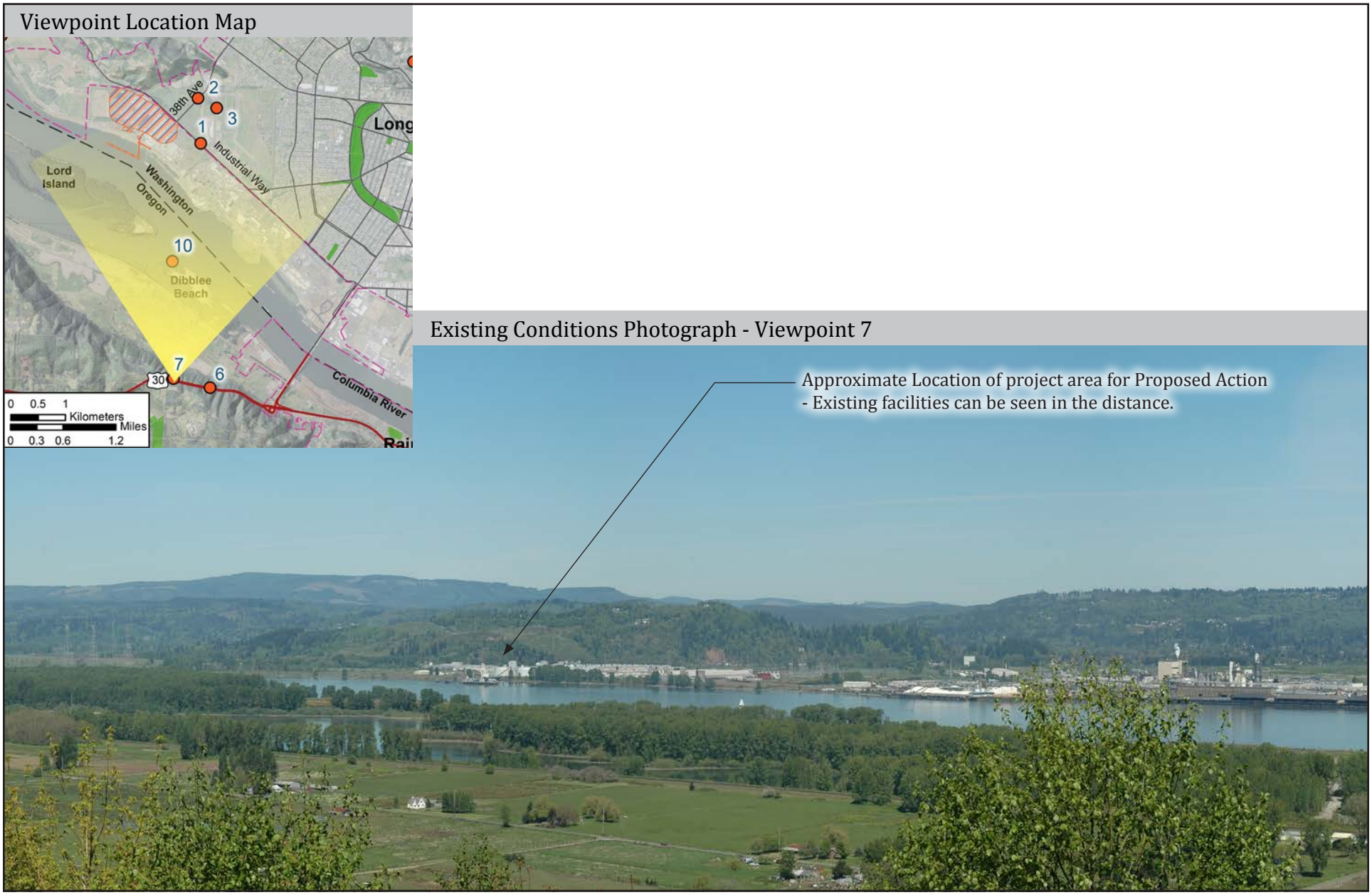
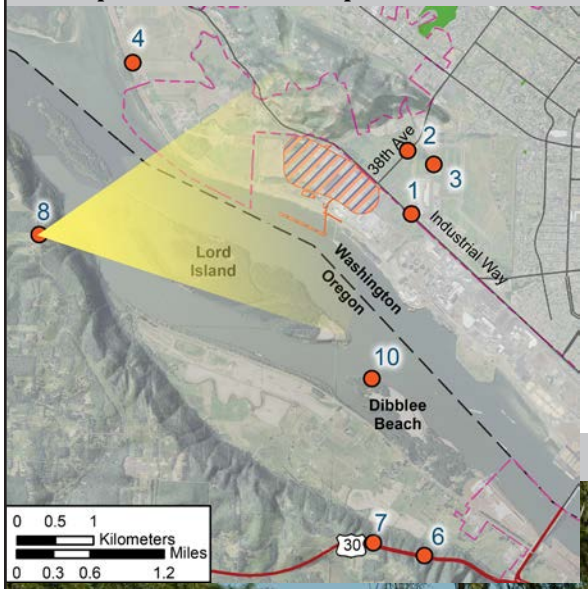


Figure A-7
Proposed Action Existing Conditions Photograph - Viewpoint 7
(View from US Route 30, Lower Pull-off)
Millennium Bulk Terminals—Longview

Viewpoint Location Map



Existing Nighttime Conditions

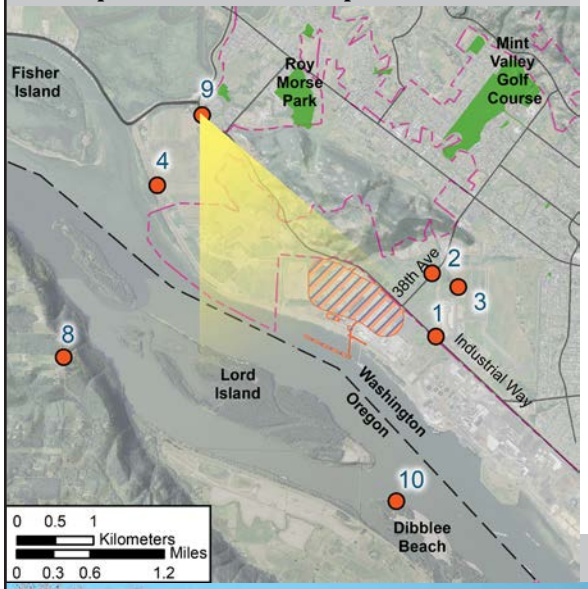


Existing Conditions Photograph - Viewpoint 8

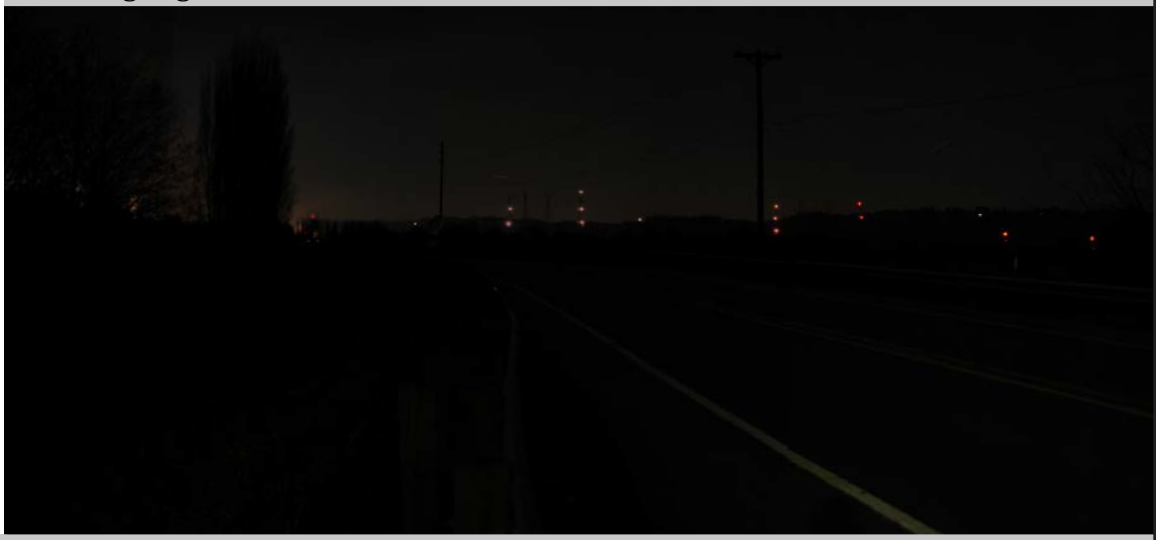


Figure A-8
Proposed Action Existing Conditions Photograph - Viewpoint 8
(View from Alston-Mayger Road)
Millennium Bulk Terminals—Longview

Viewpoint Location Map



Existing Nighttime Conditions



Existing Conditions Photograph - Viewpoint 9

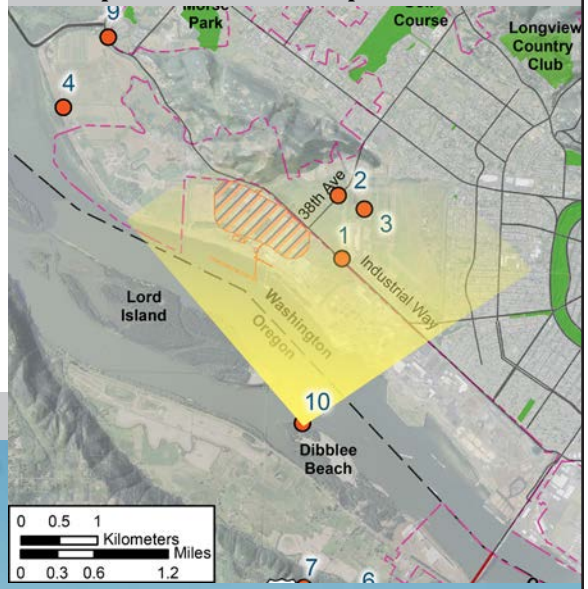


Figure A-9
Proposed Action Existing Conditions Photograph - Viewpoint 9
(View from West Longview Neighborhood)
Millennium Bulk Terminals—Longview

Existing Nighttime Conditions



Viewpoint Location Map

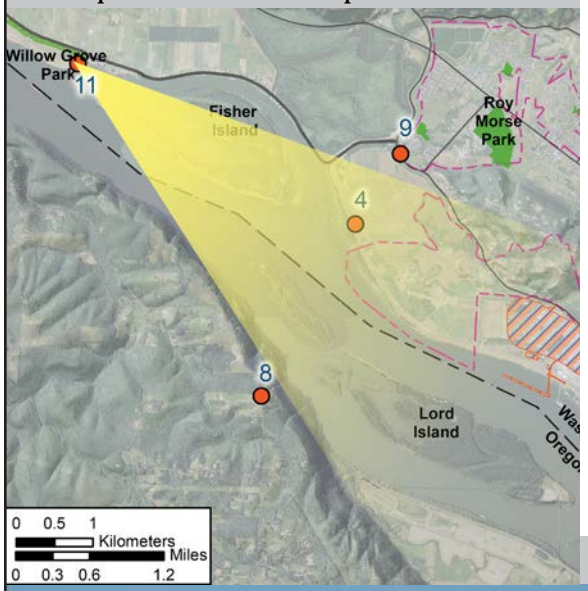


Existing Conditions Photograph - Viewpoint 10



Figure A-10
Proposed Action Existing Conditions Photograph - Viewpoint 10
(View from Dibblee Beach)
Millennium Bulk Terminals—Longview

Viewpoint Location Map



Existing Conditions Photograph - Viewpoint 11

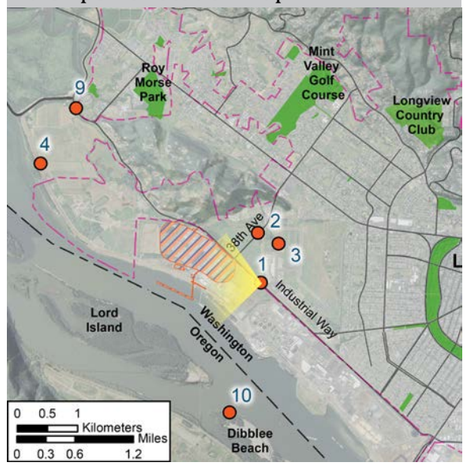


Figure A-11
Proposed Action Existing Conditions Photograph - Viewpoint 11
(View from Willow Grove Park and Boat Launch)
Millennium Bulk Terminals—Longview

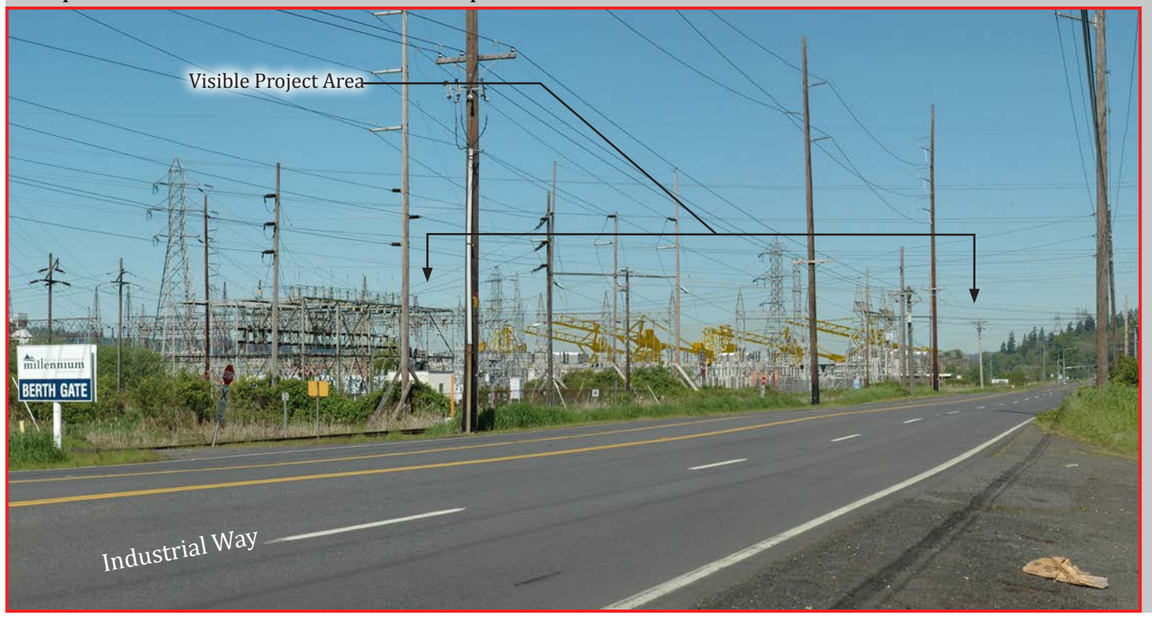
Existing Conditions Photograph - Viewpoint 1



Viewpoint Location Map



Proposed Action Visual Simulation - Viewpoint 1



Visual Simulation Viewpoint 1
Field of View = 46 degrees
Image Width = 7.5 inches
Zoom = 50%
True View Distance = 17.7" inches

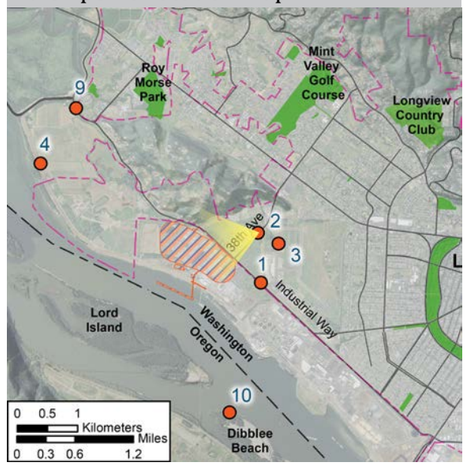
Notes:
1. Existing Conditions photographs taken with Nikon D-70 (50mm lens) and panorama photomerged using Photoshop CSS.
2. Visual Simulation is based on 3D model and AutoCAD files provided by MBLT.
3. Visual Simulation created with AutoCAD, Sketchup Pro, Google Earth and Photoshop CSS.

Figure A-12
Proposed Action Visual Simulation - Viewpoint 1
(View from Industrial Way)
Millennium Bulk Terminals—Longview

Existing Conditions Photograph - Viewpoint 2



Viewpoint Location Map



Proposed Action Visual Simulation - Viewpoint 2



Visual Simulation Viewpoint 2
Field of View = 53 degrees
Image Width = 13.5 inches
Zoom = 50%
True View Distance = 27.2” inches

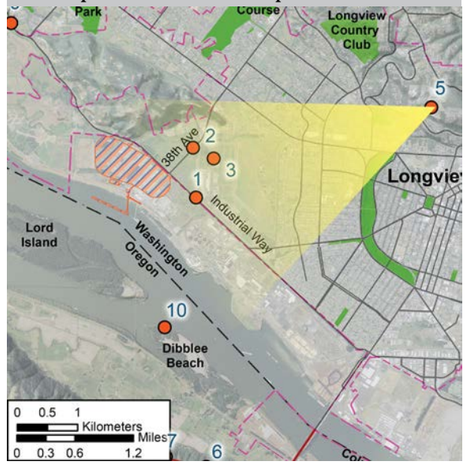
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2. Visual Simulation is based on 3D model and AutoCAD files provided by MBLT.
3. Visual Simulation created with AutoCAD, Sketchup Pro, Google Earth and Photoshop CSS.

Figure A-13
Proposed Action Visual Simulation - Viewpoint 2
(View from 38th Ave)
Millennium Bulk Terminals—Longview

Existing Conditions Photograph - Viewpoint 5



Viewpoint Location Map



Proposed Action Visual Simulation - Viewpoint 5



Visual Simulation Viewpoint 5
Field of View = 27 degrees
Image Width = 11.5 inches
Zoom = 50%
True View Distance = 48.5” inches

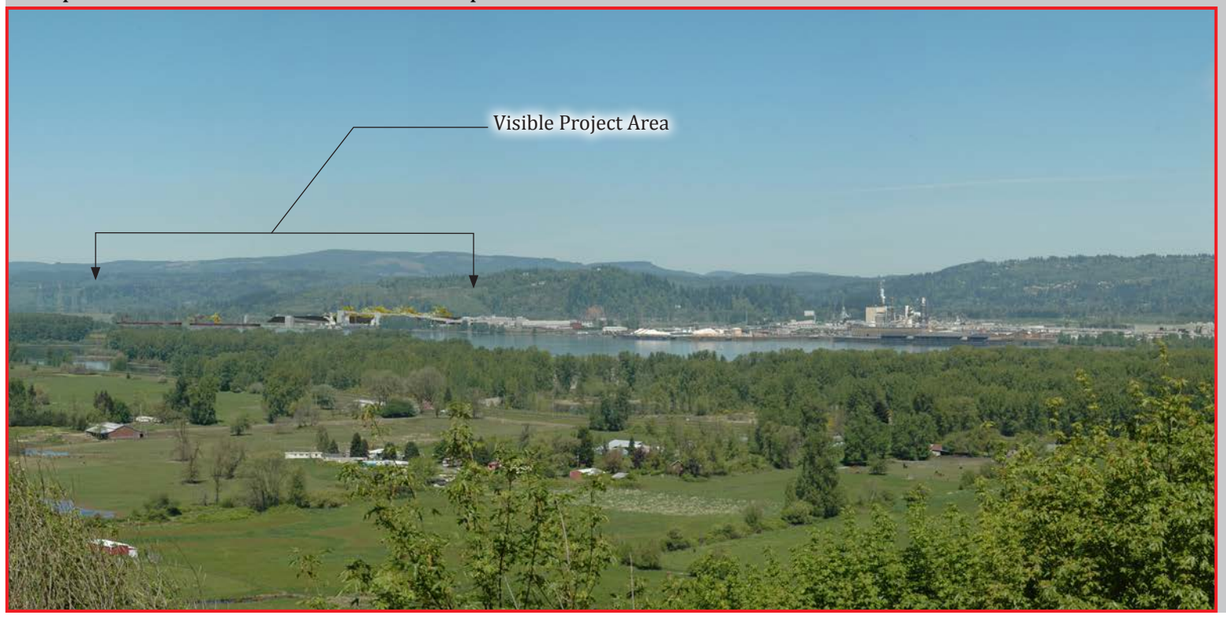
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2. Visual Simulation is based on 3D model and AutoCAD files provided by MBLT.
3. Visual Simulation created with AutoCAD, Sketchup Pro, Google Earth and Photoshop CSS.

Figure A-14
Proposed Action Visual Simulation - Viewpoint 5
(View from Hillside Residences)
Millennium Bulk Terminals—Longview

Existing Conditions Photograph - Viewpoint 6



Proposed Action Visual Simulation - Viewpoint 6



Visual Simulation Viewpoint 6
Field of View = 32 degrees
Image Width = 8.0 inches
Zoom = 50%
True View Distance = 13.0” inches

Notes:
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Viewpoint Location Map

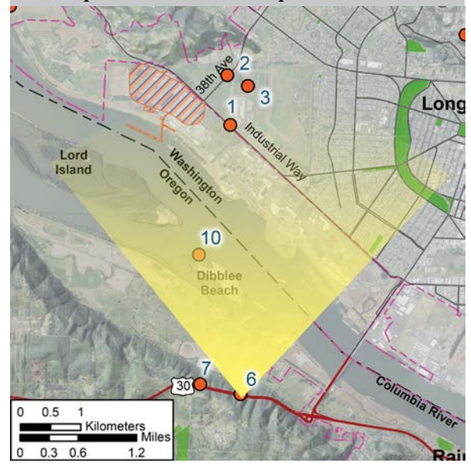
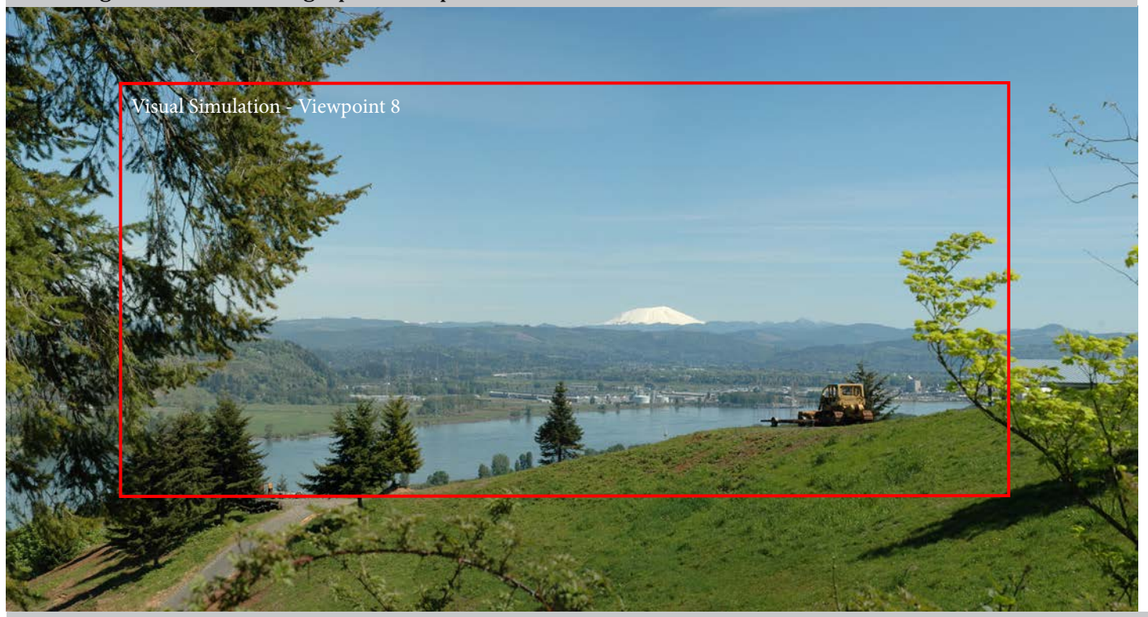
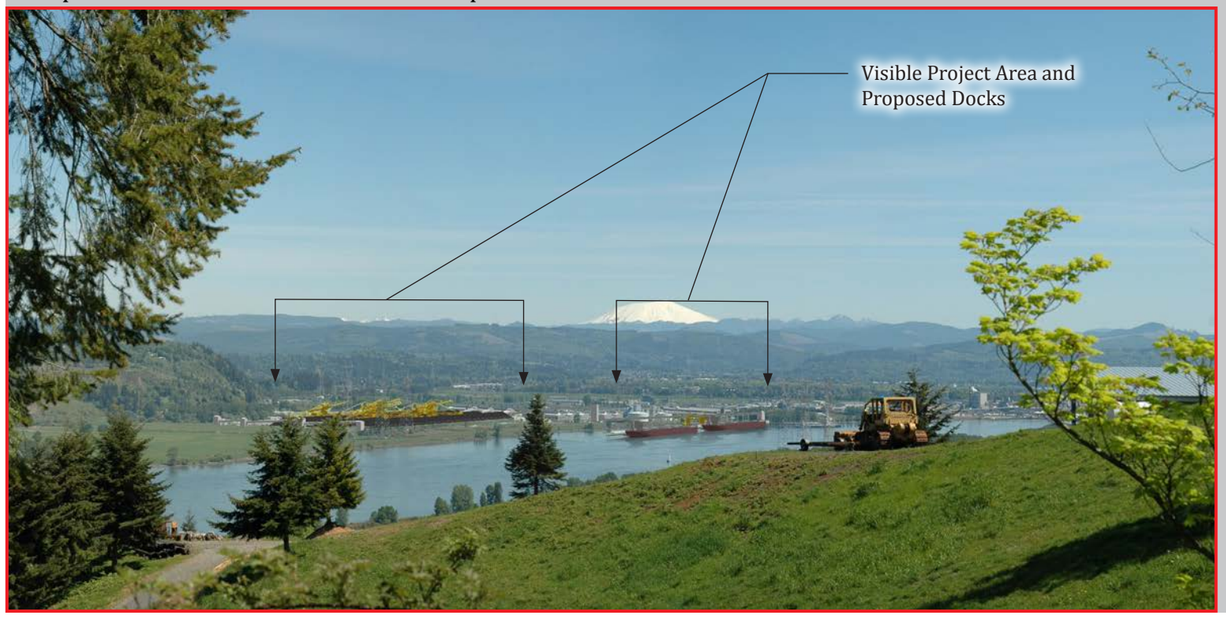


Figure A-15
Proposed Action Visual Simulation - Viewpoint 6
(View from US Route 30, Lower Pull-off)
Millennium Bulk Terminals—Longview

Existing Conditions Photograph - Viewpoint 8



Proposed Action Visual Simulation - Viewpoint 8



Visual Simulation Viewpoint 8
Field of View = 34 degrees
Image Width = 8.0 inches
Zoom = 50%
True View Distance = 13.0” inches

Notes:
1. Existing Conditions photographs taken with Nikon D-70 (50mm lens) and panorama photomerged using Photoshop CSS.
2. Visual Simulation is based on 3D model and AutoCAD files provided by MBLT.
3. Visual Simulation created with AutoCAD, Sketchup Pro, Google Earth and Photoshop CSS.

Viewpoint Location Map

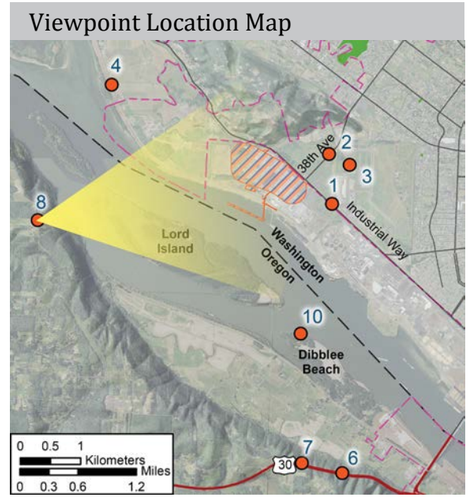
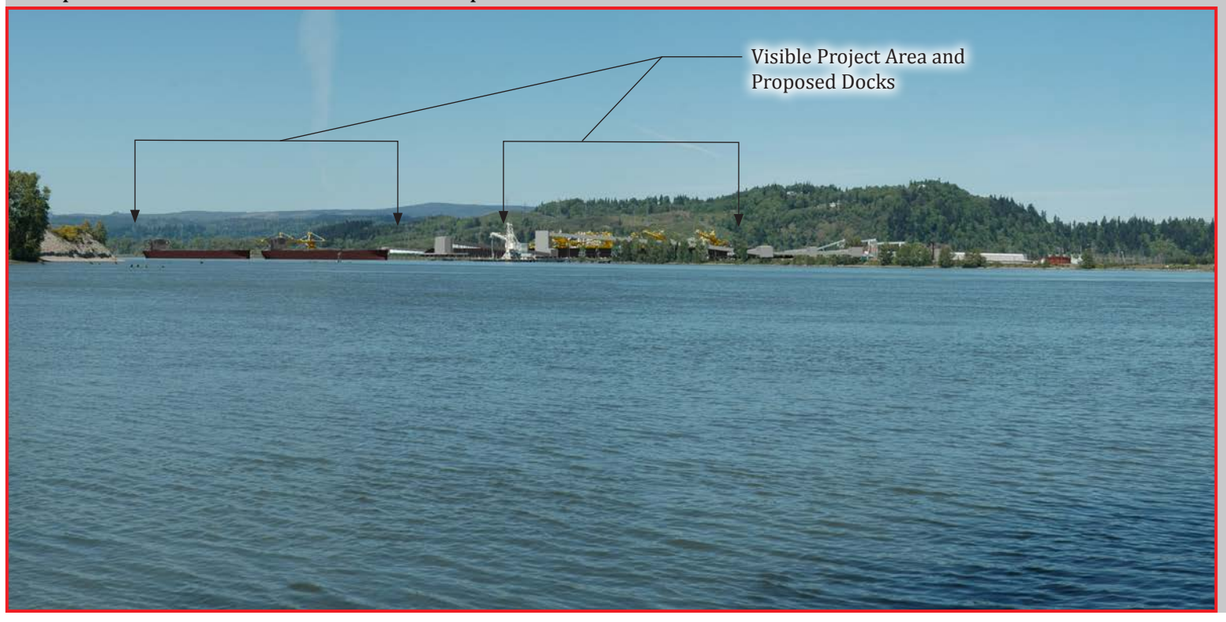


Figure A-16
Proposed Action Visual Simulation - Viewpoint 8
(View from Alston-Mayger Road)
Millennium Bulk Terminals—Longview

Existing Conditions Photograph - Viewpoint 10



Proposed Action Visual Simulation - Viewpoint 10



Visual Simulation Viewpoint 10
Field of View = 54 degrees
Image Width = 8 inches
Zoom = 50%
True View Distance = 15.8” inches

Notes:
1. Existing Conditions photographs taken with Nikon D-70 (50mm lens) and panorama photomerged using Photoshop CSS.
2. Visual Simulation is based on 3D model and AutoCAD files provided by MBLT.
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Viewpoint Location Map

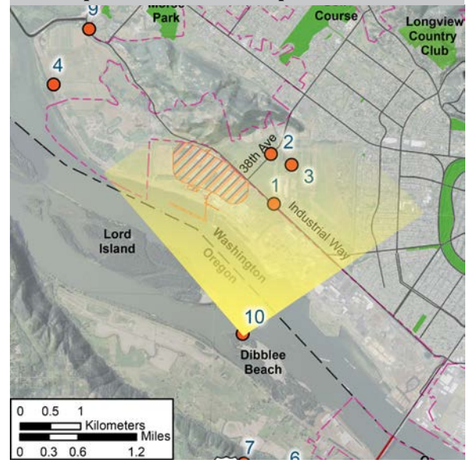


Figure A-17
Proposed Action Visual Simulation - Viewpoint 10
(View from Dibblee Beach)
Millennium Bulk Terminals—Longview

MILLENNIUM BULK TERMINALS—LONGVIEW SEPA ENVIRONMENTAL IMPACT STATEMENT

SEPA HAZARDOUS MATERIALS TECHNICAL REPORT

PREPARED FOR:

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Contact: Elaine Placido, Director of Building and Planning

IN COOPERATION WITH:
Washington State Department of Ecology, Southwest Region

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April 2017

ICF. 2017. *Millennium Bulk Terminals—Longview, SEPA Environmental Impact Statement, SEPA Hazardous Materials Technical Report*. April. (ICF 00264.13.) Seattle, WA. Prepared for Cowlitz County, Kelso, WA, in cooperation with Washington State Department of Ecology, Southwest Region.

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Acronyms and Abbreviations

Applicant	Millennium Bulk Terminals—Longview, LLC
BNSF	BNSF Railway
BPA	Bonneville Power Administration
CDID	Consolidated Diking Improvement District
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR	Code of Federal Regulations
Corps	U.S. Army Corps of Engineers
cPAH	carcinogenic polycyclic aromatic hydrocarbon
CRD	Columbia River datum
CVI	Chinook Ventures, Inc.
Ecology	Washington State Department of Ecology
EDR	Environmental Data Resources
EPA	U.S. Environmental Protection Agency
HSL	Hazardous Site Listing
LUST	leaking underground storage
LVSW	Longview Switching Company
mg/kg	milligrams per kilogram
MTCA	Model Toxics Control Act
NFA	no further action
NPDES	National Pollutant Discharge Elimination System
PAHs	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyl
PCE	perchloroethylene
RCRA	Resource Conservation and Recovery Act
RCW	Revised Code of Washington
Reynolds facility	Reynolds Metals Company facility
RI/FS	remedial investigation/feasibility study
SEPA	State Environmental Policy Act
SIC	standard industrial classification
SPL	spent potliner
SU	site unit
UP	Union Pacific Railroad
USC	United States Code
U.S. DOE	U.S. Department of Energy
UST	underground storage tank
VOC	volatile organic compound
WAC	Washington Administrative Code

Chapter 1
Introduction

This technical report assesses the potential hazardous materials impacts of the proposed Millennium Bulk Terminals—Longview project (Proposed Action) and No-Action Alternative. For the purposes of this assessment, hazardous materials refer to materials that could harm humans or the environment. These materials may exist on the project area and could be disturbed by the construction or operation of the Proposed Action, or they could be introduced by the Proposed Action. This report describes the regulatory setting, establishes the methods for assessing potential hazardous materials impacts, presents the historical and current hazardous materials conditions in the study areas, and assesses potential impacts.

1.1 Project Description

Millennium Bulk Terminals—Longview, LLC (Applicant) is proposing to construct and operate a coal export terminal (Proposed Action) in Cowlitz County, Washington along the Columbia River (Figure 1). The coal export terminal would receive coal from the Powder River Basin in Montana and Wyoming, and the Uinta Basin in Utah and Colorado via rail shipment. The coal export terminal would receive, stockpile, and load coal onto vessels and transport the coal via the Columbia River and Pacific Ocean to overseas markets in Asia.

1.1.1 Proposed Action

Under the Proposed Action, the Applicant would develop the coal export terminal on 190 acres (project area) primarily within an existing 540-acre site that is currently leased by the Applicant (Applicant's leased area). The project area is adjacent to the Columbia River in unincorporated Cowlitz County, Washington near Longview, Washington (Figure 2). The Applicant currently operates and would continue to operate a bulk product terminal within the Applicant's leased area.

BNSF Railway Company (BNSF) or Union Pacific Railroad (UP) trains would transport coal on BNSF main line routes in Washington State, and the BNSF Spur and Reynolds Lead in Cowlitz County to the project area. Coal would be unloaded from rail cars, stockpiled, and loaded by conveyor onto ocean-going vessels for export at two new docks (Docks 2 and 3) located in the Columbia River.

Once construction is complete, the Proposed Action could have a maximum annual throughput capacity of up to 44 million metric tons of coal per year. The coal export terminal would consist of one operating rail track, eight rail tracks for storing up to eight unit trains, rail car unloading facilities, a stockpile area for coal storage, conveyor and reclaiming facilities, two new docks in the Columbia River (Docks 2 and 3), and shiploading facilities on the two docks. Dredging of the Columbia River would be required to provide access to and from the Columbia River navigation channel and for berthing at the two new docks.

Vehicles would access the project area from Industrial Way (State Route 432), and vessels would access the project area via the Columbia River. The Reynolds Lead and BNSF Spur track—both jointly owned by BNSF and UP, and operated by Longview Switching Company (LVSW)—provide rail access to the project area from a point on the BNSF main line (Longview Junction) located to the

east in Kelso, Washington. Coal export terminal operations would occur 24 hours per day, 7 days per week. The coal export terminal would be designed for a minimum 30-year period of operation.

At full terminal operations, approximately 8 loaded unit trains each day would carry coal to the export terminal, 8 empty unit trains each day would leave the export terminal, and an average of 70 vessels per month or 840 vessels per year would be loaded, which would equate to 1,680 vessel transits in the Columbia River annually.

Figure 1. Project Vicinity

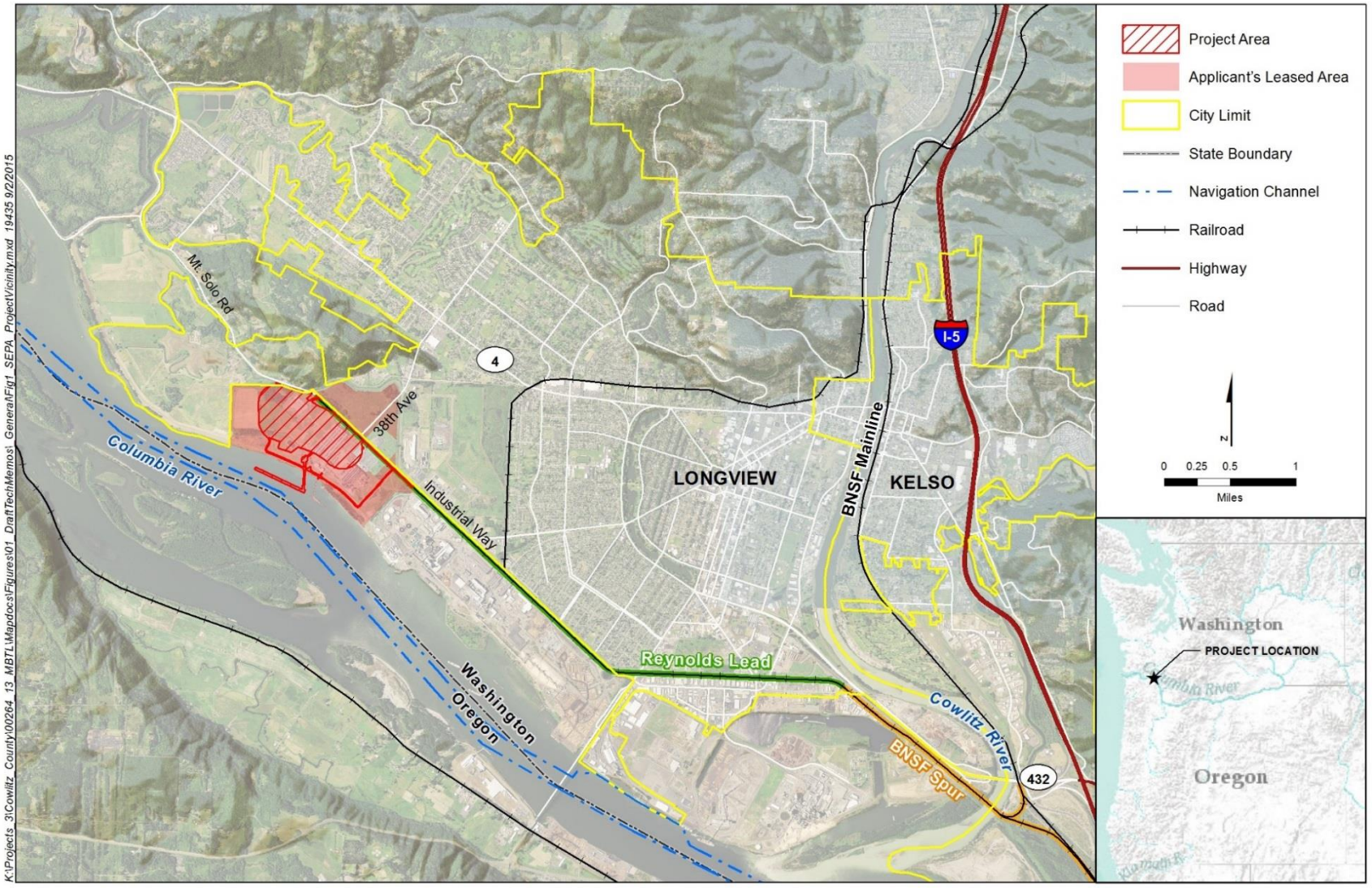
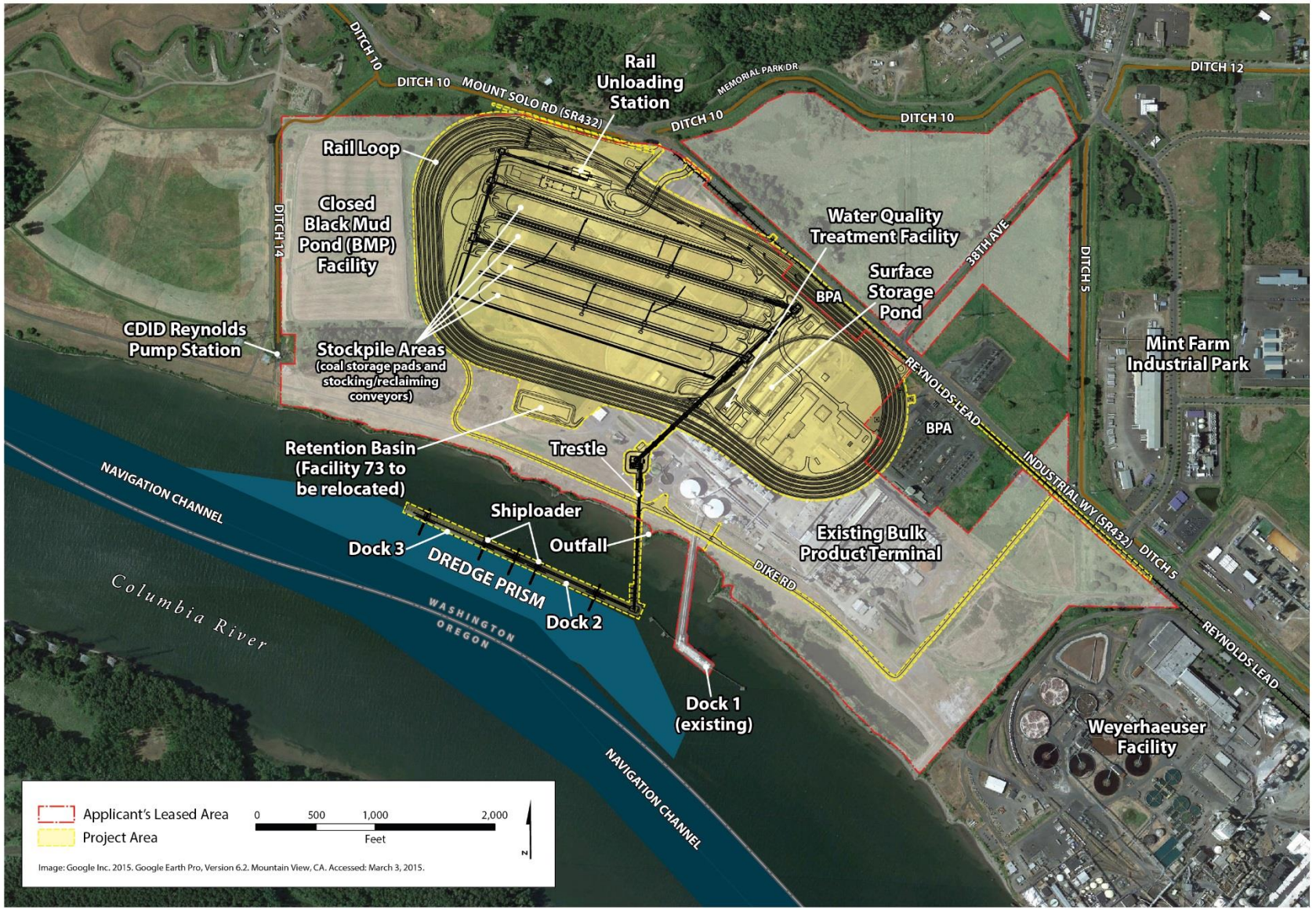


Figure 2. Proposed Action



1.1.2 No-Action Alternative

The Applicant plans to continue operating its existing bulk product terminal located adjacent to the project area. Ongoing operations would include storing and transporting alumina and small quantities of coal and continued use of Dock 1. Maintenance of the existing bulk product terminal would continue, including maintenance dredging at the existing dock every 2 to 3 years. The Applicant plans to expand operations at the existing bulk product terminal, which could include increased storage and upland transfer of bulk products utilizing new and existing buildings. The Applicant would likely need to undertake demolition, construction, and other related activities to develop expanded bulk product terminal facilities.

If the coal export terminal is not constructed, the Applicant would likely propose expansion of the bulk product terminal onto areas that would have been subject to construction and operation of the proposed coal export terminal. Additional bulk product transfer activities could involve products such as a calcined pet coke, coal tar pitch, cement, fly ash, and sand or gravel. Any new operations would be evaluated under applicable regulations. Upland areas of the project area are zoned Heavy Industrial and it is assumed future proposed industrial uses in these upland areas could be permitted. Any new construction would be limited to uses allowed under existing Cowlitz County development regulations.

1.2 Regulatory Setting

The jurisdictional authorities and corresponding regulations, statutes, and guidance for determining potential impacts on hazardous materials are summarized in Table 1.

Table 1. Regulations, Statutes, and Guidelines for Hazardous Materials

Regulation, Statute, Guideline	Description
Federal	
National Environmental Policy Act (42 USC 4321 *et seq*.)	Requires the consideration of potential environmental effects. NEPA implementation procedures are set forth in the President's Council on Environmental Quality's Regulations for Implementing NEPA (49 CFR 1105).
Comprehensive Environmental Response, Compensation, and Liability Act (42 USC 103)	Regulates former and newly discovered uncontrolled waste disposal and spill sites identified on the National Priority List of contaminated sites and under the Superfund cleanup program.
Superfund Amendment and Reauthorization Act (40 CFR 302)	Amended CERCLA and requires reporting for emergency response, emergency release, and hazardous and toxic chemical releases.
Federal Resource Conservation and Recovery Act (42 USC 6901 *et seq*.)	Governs the generation, storage, and transportation of hazardous waste and waste management activities for hazardous waste treatment, storage, and disposal facilities. This is a delegated Washington State program under the Washington Hazardous Waste Management Act.
Toxic Substances Control Act (15 USC 2601–2629)	Tracks industrial chemicals in the United States and regulates intrastate and interstate commerce.

Regulation, Statute, Guideline	Description
Clean Water Act (33 USC 1342, 1344; 40 CFR 230)	Regulates the placement of fill material in waters of the United States, including fill placement below ordinary high water elevation or within navigable waters or wetlands.
Department of Transportation Hazardous Materials Regulations (49 CFR 100–185)	Protect against the risks to life, property, and the environment and apply to all interstate, intrastate, and foreign transport of hazardous materials in commerce.
National Emission Standards for Hazardous Air Pollutants (40 CFR 61–71)	Set standards regulating the emission of these pollutants with EPA and the state implementing and enforcing them. Hazardous air pollutants are those pollutants that are known or suspected to cause cancer or other serious health effects, such as reproductive effects or birth defects, or adverse environmental effects.
Safe Drinking Water Act (42 USC 300f et seq.)	Requires the protection of groundwater and groundwater sources used for drinking water. Requires every state to develop a wellhead protection program.
Occupational Safety and Health Act (29 USC 651 *et seq*.)	Enacted to "assure safe and healthful working conditions for working men and women." Sets standards and enforces inspections to ensure that employers are providing safe and healthful workplaces.
State	
Washington Water Pollution Control Permit Program	Requires that all releases to waters of the state of a reportable quantity must be reported to Ecology as soon as possible, but not later than 24 hours after discovery.
Model Toxics Control Act and its implementing regulations (RCW 70.105D and WAC 173-340)	Requires potentially liable persons to assume responsibility for cleaning up contaminated sites. Requires reporting hazardous substance releases if they constitute a threat to human health or the environment.
State Water Pollution Control Law (RCW 90.48)	Provides Ecology with the jurisdiction to control and prevent the pollution of streams, lakes, rivers, ponds, inland water, salt waters, watercourses, and other surface and groundwater in the state.
Oil and Hazardous Substance Spill Prevention and Response (RCW 90.56)	Established to prevent the release of oil and other hazardous substances to the navigable waters of the state. Intended to prevent spills and promote programs that reduce the risk of spills.
Underground Storage Tank Regulations (RCW 90.76 and WAC 173-360)	Ensure that underground storage tanks are installed, managed, and monitored in a manner that prevents releases to the environment.
Water Quality Standard for Surface Waters of the State of Washington (WAC 173-201A)	Establishes water quality standards for surface waters in Washington State. Ecology is the responsible agency.
Sediment Management Standards (WAC 173–204)	Establish numerical standards for the protection of benthic invertebrates in marine sediments.
Washington Hazardous Waste Management Act (RCW 70.105, and WAC 173–303)	State equivalent of RCRA; requires designation of dangerous and extremely hazardous waste, and proper handling, storage, transport, and disposal of such wastes. Governs and establishes regulations for hazardous waste treatment, storage, and disposal facilities.
Washington Administrative Code (WAC 173-340-300)	Requires reporting hazardous substance releases if they constitute a threat to human health or the environment.

Regulation, Statute, Guideline	Description
Washington Solid Waste Handling Standards (WAC 173–350)	Set standards for the proper handling and disposal of solid waste originating from residences, commercial, agricultural, and industrial operations and other sources.
General Occupational Health Standards (WAC 296–-62)	Protect the health of employees and help create a healthy work place by establishing requirements to control health hazards including chemical hazard communication and exposure programs.
Hazardous Waste Operations (WAC 296–843)	Apply to operations involving hazardous waste at a treatment, storage, or disposal facility and are required to have a permit under RCRA.
Safety Standards for Construction Work (WAC 296–155)	Apply to work places where construction, alteration, demolition, related inspection, and/or maintenance and repair work, including painting and decorating, is performed. Set minimum safety requirements with which all industries must comply when engaged in these types of work.
Local	
Cowlitz County SEPA Regulations (CCC 19.11)	Provide for the implementation of SEPA in Cowlitz County.

Notes:
USC = United States Code; NEPA = National Environmental Policy Act; CFR = Code of Federal Regulations; Corps = U.S. Army Corps of Engineers; CEQ = Council on Environmental Quality; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; EPA = U.S. Environmental Protection Agency; WAC = Washington Administrative Code; Ecology = Washington State Department of Ecology; RCW = Revised Code of Washington; RCRA = Resource Conservation and Recovery Act; SEPA = State Environmental Policy Act.

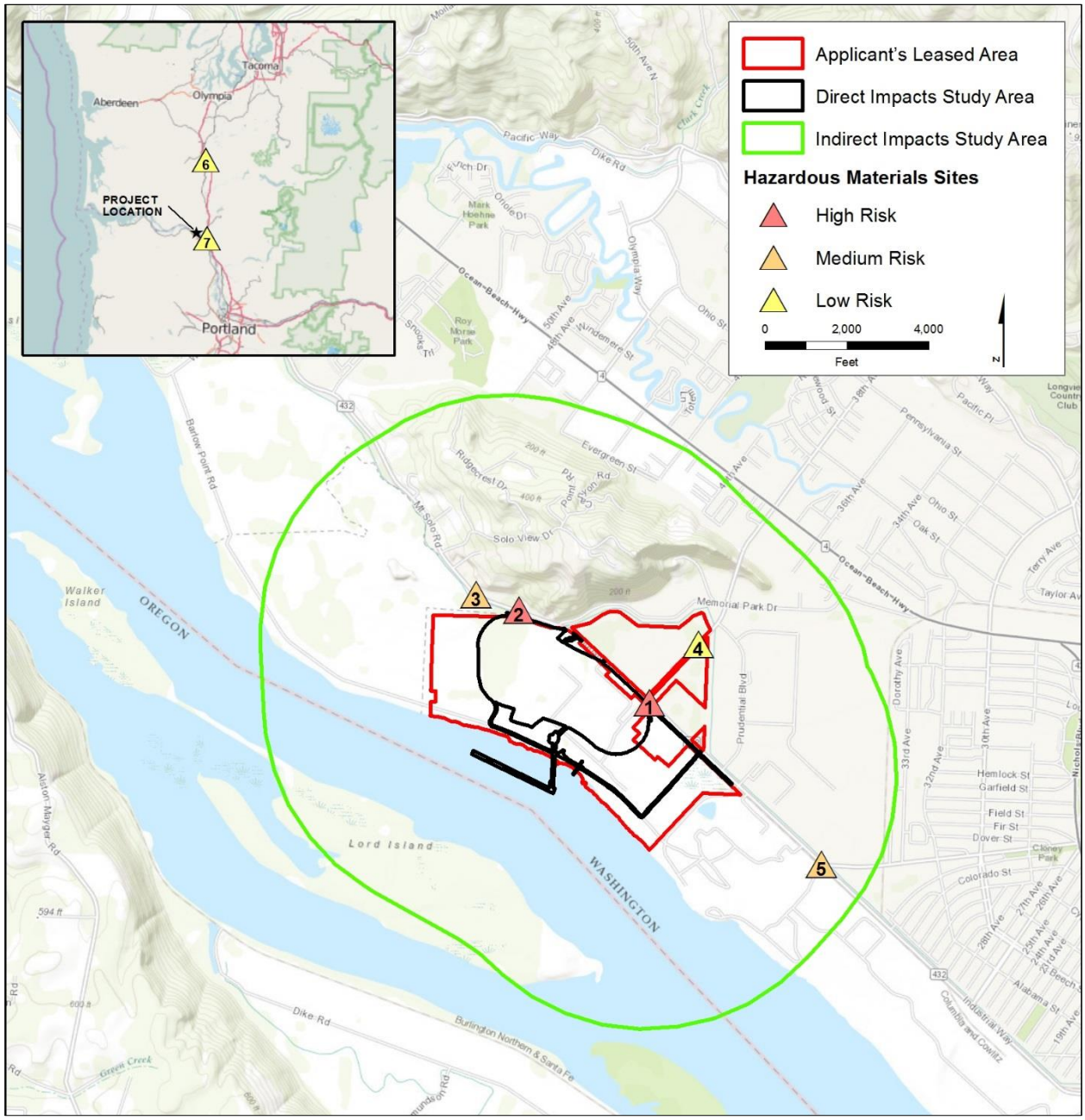
1.3 Study Area

The study area for direct impacts related to hazardous materials is the project area, which includes a portion of the former Reynolds Metals Company facility (Reynolds facility).

The study area for indirect impacts related to hazardous materials is the area within 1 mile of the project area. This area includes the rail line within 1 mile of the project area and the former Reynolds facility and the existing bulk terminal operations.

Additionally, the nearest hazardous materials sites with a high potential to cause environmental impacts, such as Superfund sites, landfills, or large-quantity generators of hazardous waste, were identified and evaluated, even if located outside the study area. The nearest Superfund site is approximately 33 miles north of the study area, and the nearest active landfill is approximately 4 miles east of the study area. The study areas are shown in Figure 3.

Figure 3. Study Area



Chapter 2
Existing Conditions

This chapter explains the methods for assessing the existing conditions and determining impacts, and describes the existing conditions in the study areas as they pertain to hazardous materials.

2.1 Methods

This section describes the sources of information and methods used to characterize the existing conditions and assess the potential impacts related to hazardous materials associated with the construction and operation of the Proposed Action and No-Action Alternative.

2.1.1 Hazardous Materials Definition

"Hazardous materials" is a common term for various types of contaminated or hazardous media, including contaminated environmental media, dangerous waste, solid waste, hazardous substances, and petroleum products.

Contaminated Environmental Media includes soil, sediment, groundwater, surface water, or vadose zone air that has been contaminated by a release of a hazardous material, hazardous or dangerous waste, or hazardous substance. Sites with contaminated environmental media could be regulated under the federal Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) or Resource Conservation and Recovery Act (RCRA), or under the state Model Toxics Control Act (MTCA).

Dangerous Waste is solid waste designated in WAC 173-303-070 through 173-303-100 as dangerous, or extremely hazardous or mixed waste. Dangerous waste includes all federal hazardous waste, plus certain wastes exhibiting specific characteristics based on toxicity and persistence. The regulatory requirements for disposal of dangerous waste are complex and place additional responsibility both on the generator and on the contractor for safe handling and disposal.

Solid Waste is defined slightly differently in state and federal regulations. State regulations define solid waste as all putrescible and nonputrescible solid and semisolid wastes including, but not limited to, garbage, rubbish, ashes, industrial wastes, swill, sewage sludge, demolition and construction wastes, abandoned vehicles or parts thereof, and recyclable materials. Federal regulations define solid waste as any garbage, refuse, or sludge from a wastewater treatment plant, water supply treatment plant, or air pollution control facility, and other discarded material that includes solid, liquid, semisolid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations and from community activities. Solid waste includes hazardous and problem wastes.

Hazardous Substances are defined under CERCLA Section 9601(14). A list of over 600 CERCLA hazardous substances is provided in 40 CFR 302.4. CERCLA Section 9601(33) defines pollutants or contaminants in terms of their negative impact on people and the environment.

Hazardous Substances are also defined under the state MTCA (Revised Code of Washington [RCW] 70.105D.020 (13)) as follows.

(a) Any dangerous or extremely hazardous waste as defined in RCW 70.105.010 (1) and (7), or any dangerous or extremely dangerous waste designated by rule pursuant to chapter 70.105 RCW;

(b) Any hazardous substance as defined in RCW 70.105.010(10) or any hazardous substance as defined by rule pursuant to chapter 70.105 RCW;

(c) Any substance that, on March 1, 1989, is a hazardous substance under section 101(14) of the federal cleanup law, 42 U.S.C. Sec. 9601(14);

(d) Petroleum or petroleum products; and

(e) Any substance or category of substances, including solid waste decomposition products, determined by the director by rule to present a threat to human health or the environment if released into the environment.

The term hazardous substance does not include any of the following when contained in an underground storage tank from which there is not a release: Crude oil or any fraction thereof or petroleum, if the tank is in compliance with all applicable federal, state, and local law.

2.1.2 Data Sources

The following sources of information were used to identify and evaluate potential hazardous materials sites in the study areas.

- Environmental Data Resources (EDR), Inc. 2014 *DataMap Area Study for the Proposed Action* (Appendix A).
- URS Corporation *Millennium Coal Export Terminal Longview, Washington Hazardous Materials Resource Report,* September 2014.
- Anchor QEA *Final Remedial Investigation and Feasibility Study,* January 2015.
- Washington State Department of Ecology (Ecology) (2014a) regulatory files.

The environmental database search results used in support of this analysis were reported in accordance to the ASTM Standard Practice for Environmental Site Assessments, E 1527-13. Available environmental records were identified for the study areas (Appendix A, *EDR DataMap Area Study for the Proposed Action*). EDR uses proprietary techniques to search federal, state, local, and other appropriate databases to obtain information on facilities that use, store, transport, or generate regulated and potentially hazardous substances. The EDR reports were obtained for all sites within the study areas that use hazardous materials. A list of databases that EDR searched is provided in Appendix B, *Hazardous Materials Databases Searched and Identified Records*.

2.1.3 Data Screening

The EDR report for the Proposed Action (Appendix A) identified 24 sites, which were listed in at least one or more of eight federal databases, 13 in-state or local databases, and one EDR proprietary database.[1] Eight of these sites are associated with historical and current operations in the Applicant's leased area (i.e., the 540-acre industrial site currently leased by the Applicant) for the Proposed Action and are discussed in Section 2.2.1, *Project Area for the Proposed Action*. Ten orphan

[1] Multiple sites are listed in more than one database.

sites[2] were also identified; however, nine of these ten sites were determined to be outside the study area and were eliminated from further evaluation (Environmental Data Resources 2014). The one remaining orphan site is listed as the Department of Ecology Memorial Park located north of the Proposed Action project area along Memorial Park Drive. The site is listed in the Washington Allsites database and had an active hazardous waste generator permit from July 2014 through December 2014 (Washington State Department of Ecology 2015); however, no known releases have been reported for this site and it was eliminated from further evaluation. Appendix B, *Hazardous Materials Databases Searched and Identified Records* lists the databases in which each of the records was found.

In addition to the sites identified in the EDR report for the Proposed Action, hazardous materials sites in the study areas were the primary focus of this analysis, but the nearest Superfund sites and landfills outside the study areas that could affect the study areas were also included (e.g., a migrating groundwater plume).

It was assumed that sites where hazardous materials are stored and used in compliance with laws and regulations (e.g., the Resource Conservation and Recovery Act [RCRA]), including large- and small-quantity generators and underground storage tank (UST) sites would have negligible risks to be affected by or to affect the Proposed Action. Thus, these types of sites were excluded from further analysis. Similarly, other sites were also eliminated, including closed sites or *no further action (NFA) required* sites where remediation had been completed (e.g., contaminated soil removal or groundwater cleanup).

By applying these criteria, the number of potential hazardous materials sites evaluated was reduced to seven. All of these sites are listed in Table 2 and located in the study areas (Figure 3). The sites were subsequently ranked based on the criteria of high-, low-, and medium-risk to determine whether hazardous materials could affect or be affected by construction or operation of the Proposed Action.

High-risk sites meet all of the following criteria.

- Both soil and groundwater have been affected by hazardous materials releases, and groundwater flow is predominantly toward the project areas.
- Site is partially closed (e.g., soil cleanup has been completed) but has ongoing groundwater-focused remedial or monitoring activities planned.
- Site is located within 500 feet of the Proposed Action project area.

Medium-risk sites meet all of the following criteria.

- Both soil and groundwater have been affected by hazardous materials releases. Groundwater flow is predominantly toward the Proposed Action project area.
- Site is partially closed (e.g., soil cleanup has been completed) but has ongoing remedial or monitoring activities planned.
- Site is located within 500 to 1,000 feet of the Proposed Action project area.

[2] Orphan sites are hazardous materials sites where the polluter could not be identified or held accountable, and/or the address/location information is incomplete.

Low-risk sites meet all of the following criteria.

- Only soil has been affected by hazardous materials releases; groundwater has not been affected.
- Site has been closed by an oversight agency with a status of NFA or no further remedial action is planned.
- Site is located more than 1,000 feet from the Proposed Action project area but within the study area.

Two of the seven sites were categorized as high risk, two as medium risk, and three as low risk (Figure 3; Appendix B, *Hazardous Materials Databases Searched and Identified Records*). Of these seven sites, Site 6 was identified as the nearest federal Superfund site. It was subsequently eliminated from further evaluation due to its distance (33 miles) from the project areas. Also, Site 6 poses a negligible risk because groundwater flows away from the project areas, and contaminated groundwater has not been detected in nearby residential drinking water wells (U.S. Environmental Protection Agency 2015). Site 7, also outside the study area, was identified as the nearest landfill site. This site was eliminated from further evaluation due to its distance from the project areas (4 miles) and because groundwater flows away from the project areas. Furthermore, a NFA has been issued for the site.

Table 2. Low-, Medium-, and High-Risk Hazardous Materials Sites in the Study Areas

Site	Business Name and Address	Database(s) Listed On	Distance from Project Area	Case Summary	Reason for Risk Class	Risk Class
1	U.S. DOE BPA Longview Substation/Longview Substation 3600 Industrial Way, Longview	RCRA-CESQG FINDS WA MANIFEST WA CSCSL WA HSL WA ALLSITES WA LUST WA SPILLS WA ICR	33 feet from Proposed Action	• Site contains registered underground storage tanks. • Site is a registered small-quantity generator of hazardous waste. • A site discovery/release was first reported in 1992. • Groundwater is suspected to be contaminated with nonhalogenated organics and petroleum/diesel. • Groundwater is confirmed to have benzene and petroleum/gasoline contamination above cleanup levels. • Soils are suspected to be contaminated with benzene, nonhalogenated organics, and petroleum/gasoline. • Soils are confirmed to be below cleanup levels for petroleum/diesel. • A site hazard assessment was conducted in June 2013. Cleanup of leaking underground storage tanks has started, and rest of the site is awaiting cleanup.	• Located 33 feet east of the project area for the Proposed Action. • Groundwater contamination has been confirmed for benzene and petroleum/gasoline. • Soils suspected to be contaminated with benzene, nonhalogenated organics, and petroleum/gasoline. • Case is still active and cleanup is in process for leaking underground storage tanks. • Other identified contamination is awaiting cleanup.	High

Site	Business Name and Address	Database(s) Listed On	Distance from Project Area	Case Summary	Reason for Risk Class	Risk Class
2	McCall Trucking 108 Bradford Place, Longview	WA CSCSL WA Allsites	127 feet from Proposed Action	• Initial site investigation occurred in 1994. • Groundwater, surface water, and soils are suspected to be contaminated with halogenated organics, metals, solvents, and petroleum products. • Soil has been confirmed above cleanup levels for petroleum products. • Case is still active and the site is awaiting cleanup.	• Located 127 feet northwest of the project area for the Proposed Action. • Groundwater, surface water, and soils are suspected to be contaminated with various contaminants. • Site is awaiting cleanup.	High
3	Schill Brothers Asphalt & Paving/American Asphalt 4646 Mount Solo Road, Longview	WA SWF/LF WA CSCSL WA Allsites WA HSL	722 feet from Proposed Action	• The site was first inspected in 1990 and then removed from Washington HSL in 1995. • The site was reopened in 2008 and again in 2013. • Groundwater, surface water, soil, and air were all contaminated with various organic and inorganic materials, metals, petroleum products, and phenolic compounds. • All media has been remediated with the exception of soil, which still contains petroleum products above cleanup levels. • The site is still awaiting cleanup.	• Located 722 feet northwest of the project area for the Proposed Action. • Groundwater and soil have been impacted with soils remaining the outstanding media requiring further cleanup.	Medium

Site	Business Name and Address	Database(s) Listed On	Distance from Project Area	Case Summary	Reason for Risk Class	Risk Class
4	GT Metals and Salvage (formerly Longview Auto Wrecking) 2001 38th Avenue, Longview	FINDS WA CSCSL WA Allsites WA HSL WA NPDES	1,902 feet from Proposed Action	• An initial site assessment was performed in June 2004. • Soils were confirmed to be above cleanup levels for petroleum products. • Case is still active and the site is awaiting cleanup.	• Located 1,902 feet northeast of the project area for the Proposed Action. • Soil has been impacted.	Low
5	Weyerhaeuser Chlor-Alkali Facility 3535 Industrial Way, Longview	WA CSCSL WA Allsites WA HSL	2,953 feet from Proposed Action	• Stores hazardous chemicals site being cleaned up under state regulations. • In October 1991, Ecology issued an agreed order for remedial action at the site. • Mercury contamination was found in soils and groundwater after demolition of an onsite facility. • In December 1995 an RI/FS was completed for the facility. • In August 1995 the site was listed on Washington HSL as a Rank 1 site.	• Located 2,953 feet southeast of the project area for the On Site Alternative. • Both soil and groundwater have been affected. • Cleanup activities are complete; institutional controls are in place and long-term groundwater monitoring continues.	Medium
6	Hamilton-Labree Roads Superfund Site 169 Labree Road, Chehalis	Federal NPL	33 miles from Proposed Action	• PCE and other chemicals were released into soil and surface water. • Contaminated groundwater plumes flow west and northwest. • In August 2013, a cleanup plan was issued. • In June 2014, EPA began sampling soil and groundwater. • Case is still active.	• Located 33 miles north of the project area for the Proposed Action. • Groundwater plume flows in a west/northwest direction. • Contaminated groundwater has not been detected in nearby residential drinking water	Low

Site	Business Name and Address	Database(s) Listed On	Distance from Project Area	Case Summary	Reason for Risk Class	Risk Class
					wells.	
7	Cowlitz County Landfill 85 Tennant Way, Longview	WA Allsites WA UST State Cleanup Site	4 miles from Proposed Action	• Spill was reported in 1988 in which groundwater was impacted by halogenated organics and unspecified petroleum products. • Site was remediated and a NFA was issued in June 2006.	• Located 4 miles east of the project area for the Proposed Action. • Site has been remediated and NFA was issued. • No other violations have been reported.	Low

Notes:
Sources: Washington State Department of Ecology 2014a–2014o; Appendix B (all databases).
U.S. DOE = U.S. Department of Energy; BPA = Bonneville Power Administration; Ecology = Washington State Department of Ecology; HSL = Washington Hazardous Sites List; RI/FS = remedial investigation/feasibility study; PCE = perchloroethylene; EPA = U.S. Environmental Protection Agency; NFA = no further action required.

2.1.4 Impact Analysis

The methods described above were used to assess the potential impacts of the Proposed Action and the No-Action Alternative on hazardous materials, and the potential impacts of hazardous materials on these alternatives. For the purposes of this analysis, construction impacts are based on peak construction period, and operations impacts are based on maximum throughput capacity (up to 44 million metric tons per year).

2.2 Existing Conditions

The existing environmental conditions related to hazardous materials in the study areas are described below.

2.2.1 Project Area for the Proposed Action

The project area is on the north shore of the Columbia River in unincorporated Cowlitz County, 2.9 miles west of downtown Longview and 5 miles west of Kelso. The project area is in an industrial land use corridor situated along Industrial Way (State Route 432) and the Columbia River navigation channel.

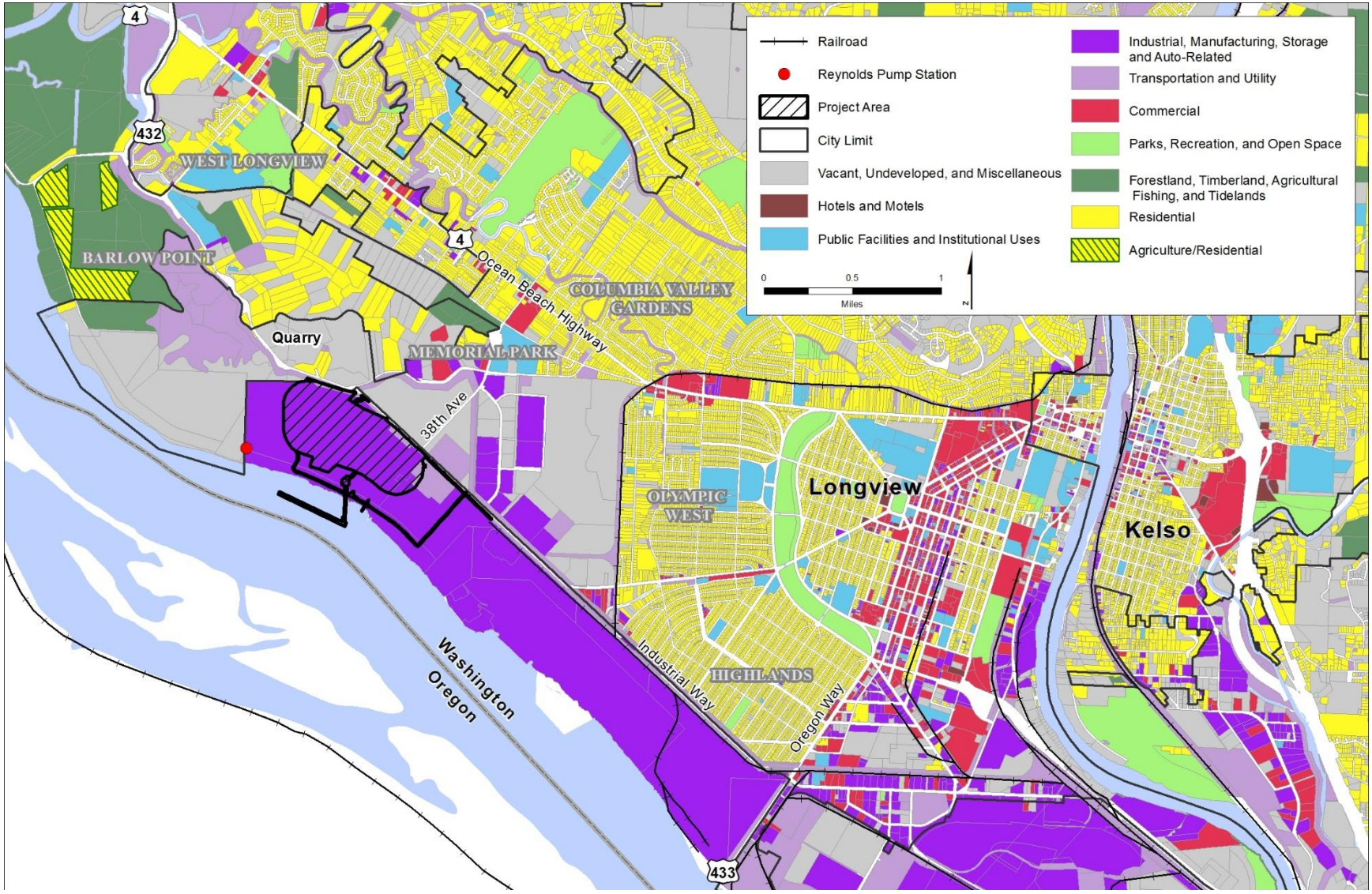
The Applicant's leased area encompasses 540 acres owned by Northwest Alloys and leased by the Applicant. The former Reynolds facility encompasses approximately 416 acres in the southern portion of the Applicant's leased area. The project area is approximately 190 acres within the boundaries of the Applicant's leased area. The project area encompasses the former cable plant building, existing potline buildings, and nearby ancillary structures. The Reynolds facility also includes a dock and two existing wastewater outfalls that discharge to the Columbia River. The Applicant's leased area extends to the extreme low-water mark in the Columbia River. Aquatic lands located waterward of the extreme low-water mark in the Columbia River are owned by the State of Washington and managed by the Washington State Department of Natural Resources.

The project area and adjacent leased area are zoned for industrial uses. The following land uses surround the Applicant's leased area.

- **Properties to the west.** The majority of the property to the west of the Applicant's leased area is owned by the Port of Longview and is currently vacant. Other smaller properties to the west include the closed Mount Solo Landfill, a small Applicant-owned parcel (located between the Port of Longview property and the Columbia River), and a Consolidated Diking Improvement District (CDID) pump station (Reynolds Pump Station) located on a small CDID-owned parcel adjacent to the Columbia River.
- **Properties to the east**. A Weyerhaeuser wood and paper products facility is immediately to the east of the Applicant's leased area and includes a complex of multiple affiliated operations. Beyond Weyerhaeuser are eight marine terminals owned by the Port of Longview.
- **Properties to the north**. Properties to the northwest of the Applicant's leased area include the Mint Farm Industrial Park, several U.S. Department of Energy Bonneville Power Administration (BPA)-owned properties, a quarry, and other privately owned hillside developments.

Figure 4 shows the surrounding land uses.

Figure 4. Surrounding Land Uses



Seven hazardous materials sites were identified in the study area (Section 2.2, *Existing Conditions*). The existing environmental conditions related to hazardous materials within the Applicant's leased area and study area are described below. For a detailed history of hazardous materials contamination and remediation related to the operation of the former Reynolds facility, see the *Remedial Investigation/Feasibility Study* (RI/FS) (Anchor QEA 2015).

Contaminated Sites

This section summarizes the history of contamination and remedial actions in the Applicant's 540-acre leased area, which includes the 190-acre project area itself and the Applicant's leased area outside of the project area (Figure 5). The discussion also identifies chemicals of concern and final cleanup actions that would take place under a cleanup action plan. For more information relative to historical activities on the project area and in the Applicant's leased area, including remedial actions and further information, refer to the RI/FS.

Project Area

Contaminated sites in the project area include aluminum production facilities and former cable plant operations.

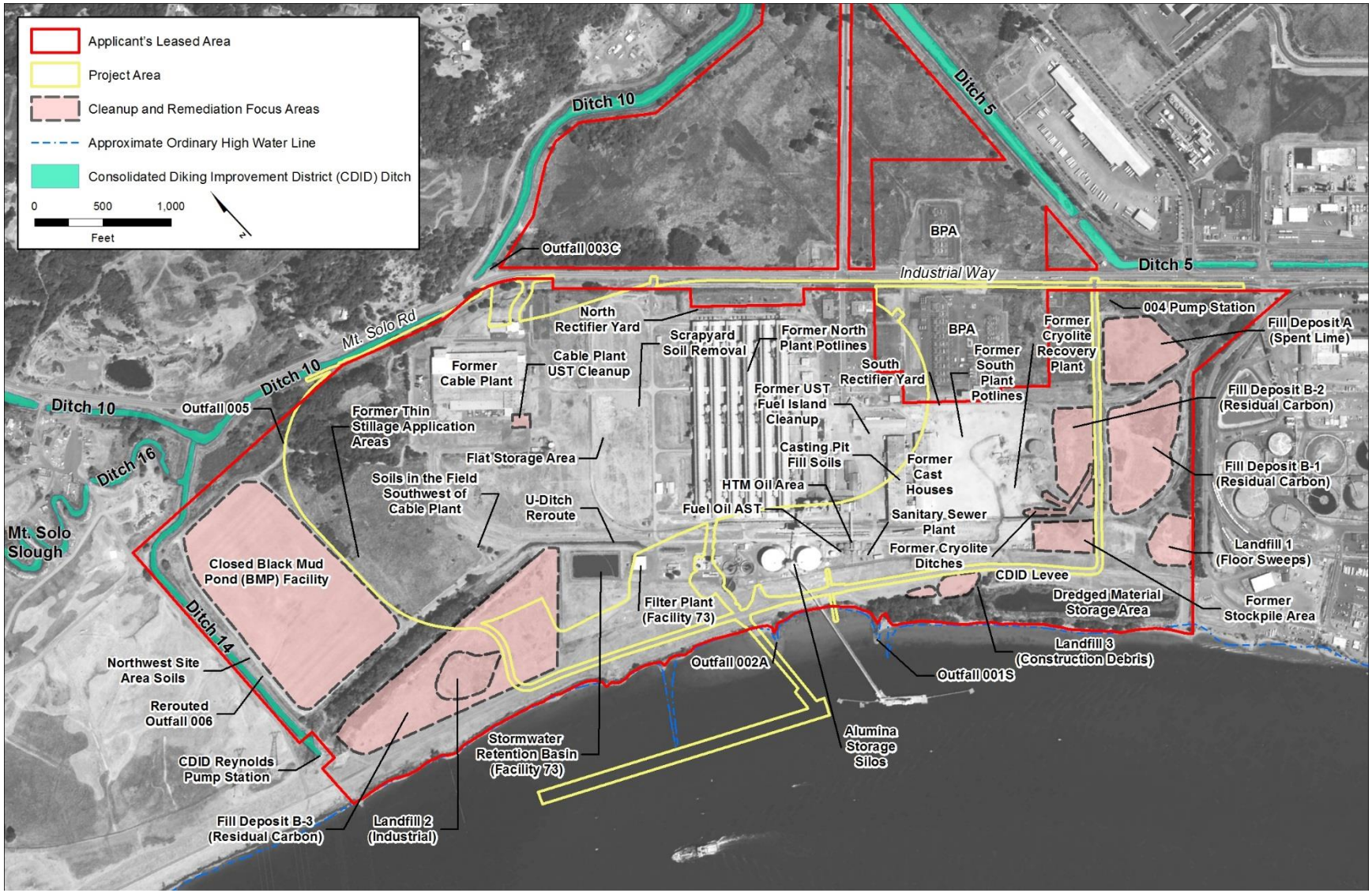
Aluminum Production Facilities

Initial industrial operations at the Reynolds facility began in 1941 when the eastern portion of the project area was developed as an aluminum reduction plant for aluminum smelting and casting operations. These operations were expanded in 1967 when the western portion of the Reynolds facility was developed for additional aluminum production; this area was known as the North Plant.

Smelter operations required an extensive dry-materials handling system for raw materials, such as alumina ore (transported by rail or ocean-going vessel), petroleum coke, coal tar pitch, anthracite coal, cryolite, and aluminum fluoride (transported by rail and truck). Liquid coal tar was unloaded from rail cars and transferred into on-site storage tanks, which were connected to the greenmill by distribution lines. At the greenmill, pitch (which contains polycyclic aromatic hydrocarbons [PAHs]) was used as a raw material for anode and cathode fabrication. Elevated concentrations of fluoride in soils have been associated with historical smelter operations at the former Reynolds facility.

Figure 5 shows the location of the aluminum manufacturing facilities. The potline buildings and cast houses lie within the boundaries of the project area, while the alumina storage silos lie outside the project area's southern boundary.

Figure 5. Applicant's Leased Area Contamination



Former Cable Plant Operations

The cable plant was constructed in the late 1960s. It was located west of the aluminum production facilities and within the boundaries of the project area. The cable plant produced electrical cable products, including aluminum wire, rods, and insulated (polyethylene and polyvinyl) low- and medium-voltage cable. The cable plant received molten aluminum from the aluminum production facilities and processed it in three furnaces: a continuous ingot caster, a rolling mill, and wire drawers. Ancillary structures associated with the cable plant included office buildings, a parking lot, and an on-site sanitary wastewater treatment plant.

Although Reynolds Metals Company owned both the aluminum production facilities and the cable plant, the facilities were managed by different entities within the company and generally functioned independently. The cable plant assets were sold to BICC Cable Corporation in 1992, and production immediately ceased. The company removed all the assets from the buildings and returned ownership of the empty buildings to Reynolds Metals Company in the mid-1990s. Since that time, the facility has been mostly inactive and used only sporadically for storage. In addition, with approval from Ecology, successfully treated soil from the fuel island cleanup area (Section 2.2.1.2, *Remediation History*) was used for fill in former equipment concrete pits in the cable plant warehouse floor.

Applicant's Leased Area

Contaminated sites on the Applicant's leased area, outside of the project area, include a cryolite recovery plant, industrial landfills, the closed Black Mud Pond (BMP) facility, and potentially other remnants of historical uses of the Reynolds facility.

Cryolite Recovery Plant

The cryolite recovery plant was constructed in 1953 in the Reynolds facility's East Plant area, east of the cast houses and outside the project area boundary. It was used as a spent potliner (SPL) recovery and recycling facility for both the Reynolds facility and other northwest aluminum reduction plants. SPL is a byproduct of the aluminum manufacturing process. It contains fluoride and PAH compounds and, potentially, varying levels of cyanide. The cryolite recovery plant also recovered reusable fluoride compounds, called *underflow solids*, which were generated from the air emission control systems during the aluminum manufacturing process. The underflow solids were collected in clarifiers at two locations on the Reynolds facility.

The cryolite recovery process involved multiple steps, resulting in *black mud*, a black carbon liquid, which was disposed in several fill deposits on the Reynolds facility. The fill deposits were closed in the 1960s and 1970s and were subsequently capped with clean soil. The cryolite recovery process also required lime to produce a sodium hydroxide solution. Circa 1980, the spent lime facility, which was constructed as part of the original cryolite recovery plant for the cryolite recovery process, was combined and managed with the residual carbon facility.

With the increase in regulatory requirements associated with SPL stockpiling and handling in the 1980s, Reynolds began to cover the stockpiled SPL. Groundwater monitoring wells were installed to assess and monitor potential impacts on groundwater.

In May 1990, the cryolite recovery plant ceased operation. The SPL generated during aluminum manufacturing was removed and shipped to permitted treatment, storage, and disposal facilities.

The cryolite recovery plant facilities were removed in May 1990; the land in that area is now vacant. No deposits of SPL are known to remain within the Reynolds facility.

Carbon was generated as a by-product of operation of the on-site cryolite recovery process. Residual carbon from this process typically includes calcium carbonate, alumina, fluoride compounds, sodium, iron, and sulfate. Test results from groundwater monitoring wells indicated that shallow groundwater at the former cryolite plant contained elevated concentrations of fluoride, with high alkalinity as a result of the cryolite plant's operations. Additional investigations, findings, and cleanup of the residual carbon deposits are discussed in Section 2.2.1.2, *Remediation History*.

Industrial Landfills

Three historical landfills are located in the Applicant's leased area but outside the project area (Figure 5). These include the floor sweeps landfill (Landfill 1), east of the former cryolite recovery plant; the industrial landfill (Landfill 2) on the southwest side of the Reynolds facility's West Plant area; and the construction debris landfill (Landfill 3), between the CDID #1 levee and the Columbia River.

The floor sweeps landfill (Landfill 1) received dry materials gathered from floors in the potline buildings, including alumina, bath, cryolite, and aluminum fluoride. By the mid-1970s, the floor sweeps landfill was no longer in use, and the industrial landfill (Landfill 2) began operation. The industrial landfill was used primarily for management of inert wastes, including scrap coke, ore, cryolite, aluminum fluoride, bath, brick, concrete, and debris from miscellaneous maintenance activities. The construction debris landfill (Landfill 3) contains concrete debris and other plant wastes, similar to those of the industrial landfill. Standard practices included not placing liquids in the landfills.

Closed Black Mud Pond (BMP) Facility

As discussed under the former cryolite recovery plant operations, a byproduct of the cryolite recovery process was black mud, which was disposed of in several fill deposits. One such pond was located in the West Plant area near Landfill 2 (Figure 5). The 33-acre BMP impoundment, which was formally closed in 1992, has been subject to an approved ongoing maintenance and monitoring program overseen by Ecology. Since implementation, the closed BMP facility has continued to meet the requirements of the maintenance and monitoring program. Details on closure, post-closure, and maintenance and monitoring can be found in the *Millennium Coal Export Terminal Longview, Washington Hazardous Materials Resource Report* (URS Corporation 2014). No further remedial activities related to the closed BMP facility are required in the final cleanup action plan.

Uses after Closure of the Reynolds Facility

In 2000, Alcoa purchased Reynolds Metals Company, which became a wholly owned subsidiary. As part of this transaction, Reynolds was required to divest the Longview smelter. It sold the facility to Longview Aluminum in 2001 but retained ownership of the land. Longview Aluminum immediately ceased aluminum production operations; the facility has not produced aluminum since 2001.

In December 2004, Chinook Ventures, Inc. (CVI) purchased the Longview Aluminum assets from a bankruptcy trustee, which took over operations after Longview Aluminum declared bankruptcy in 2003. CVI entered into a long-term ground lease with Reynolds that ran until September 2005 when ownership of the land transferred from Reynolds to Northwest Alloys, both of which are wholly owned subsidiaries of Alcoa.

CVI was sole operator of the facility and associated Northwest Alloys–owned properties between 2004 and 2011. CVI operated a terminal for the import, handling, and export of dry bulk materials, such as alumina, coal, green petroleum coke, cement, fly ash, slag, and other materials. During this time, CVI also decommissioned the majority of the facilities associated with aluminum manufacturing operations and recycled materials from smelters, which were being decommissioned throughout the northwest region of the United States. These activities included the removal and disposal or recycling of alumina, electrolyte bath, coal, and carbon products.

On January 11, 2011, CVI sold its Longview assets to the Applicant, which has subsequently removed most of the structures constructed by CVI and has continued facility decommissioning, removal, and cleanup activities. Northwest Alloys still holds ownership of the land.

2.2.1.2 Remediation History

This section describes the remedial action process, project area remediation, Applicant's leased area remediation, chemicals of concern, and final cleanup actions for the Reynolds facility.

Remedial Action Process

In June 2014, an RI/FS (Anchor QEA 2015) was performed for the Reynolds plant, including the project area, per the requirements of the Model Toxics Control Act (MTCA), which is administered by Ecology. Under the MTCA, the RI/FS includes two parts.

- Completion of the investigation of potential contaminants at the former Reynolds facility.
- Evaluation of the potential options for cleanup. The selection of a final cleanup action will be done in consultation with Ecology in a separate step and will be documented in the cleanup action plan.[3]

Prior to preparation of the RI/FS, an initial site assessment was performed by Ecology, which reviewed available data and established the agency's priority ranking for the site investigation and cleanup. During this phase, Ecology ranked the former Reynolds facility as a 5, the lowest priority on Ecology's five-point scale.

Since completion of the initial assessment and site ranking, a number of investigations and cleanup actions have been completed in coordination with Ecology. The previously completed cleanup actions prior to preparation of the RI/FS have resolved cleanup at a number of areas in the Applicant's leased area and on the project area.

In addition to site cleanup activities, extensive quantities of materials (mostly building materials and equipment) have been appropriately reused, recycled, or disposed of at approved off-site facilities. These actions have improved site safety and helped to return the property to productive reuse (Anchor QEA 2015; Appendices A and B).

After Ecology reviewed information from the previous investigation, cleanup, and closure activities, it defined focus areas for further evaluation and defined specific data gaps and testing requirements to be addressed in the RI/FS. Figure 6 shows the locations of the resulting testing implemented as

[3] A draft cleanup action plan and draft consent decree was released in 2016 for a 60-day public comment period (Washington State Department of Ecology 2016). The comment period ended March 18, 2016. A responsiveness summary will be prepared to address public comments and then the reports will be finalized.

part of the RI/FS, some of which took place on the project area. The RI/FS included multiple phases of investigation activity, the scope of which was developed and approved by Ecology.

Final cleanup decisions are to be specified in an MTCA cleanup action plan. The cleanup action plan is a separate document from the RI/FS, and design and implementation of the cleanup action will be performed after finalization of the plan and court approval of the consent decree. Long-term management to monitor and clean up persistent hazardous materials will be addressed in the cleanup action plan.

Screening Levels by Media

The findings of the RI/FS testing program were evaluated against a set of screening levels appropriate to different media. The purpose of the screening process was to identify those constituents that may be present at concentrations that require further evaluation under MTCA. The screening levels were based on the MTCA regulations and other applicable or relevant state or federal regulations. The screening levels used for the RI/FS do not necessarily represent final cleanup levels applicable to the final cleanup action plan (final cleanup actions are discussed below).

Soils, Landfills and Fill Deposits

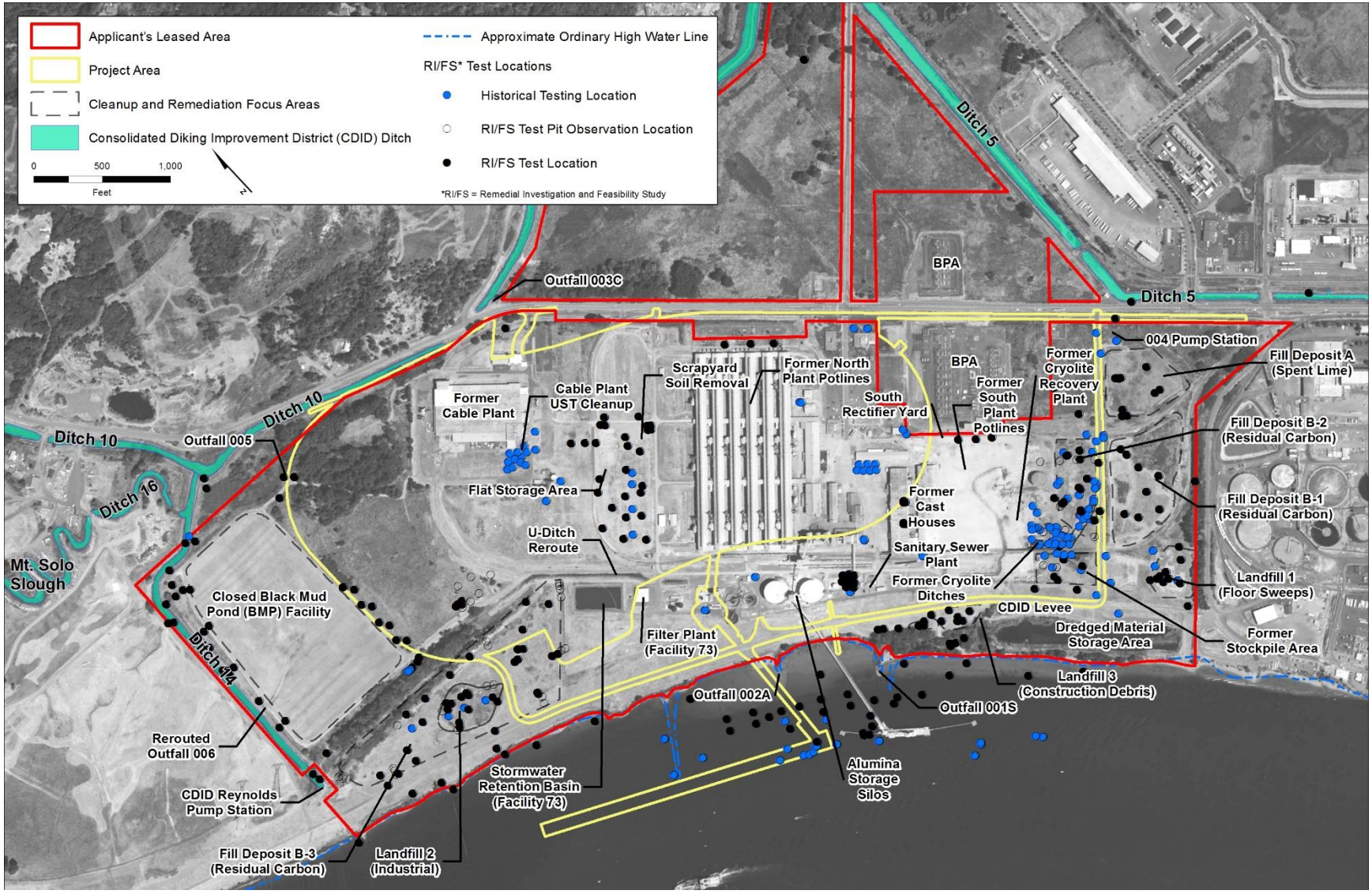
Screening levels for soils, landfills, and fill deposits in the RI/FS considered MTCA cleanup levels protective of industrial site uses and groundwater. Where available, MTCA Method A and Method C soil cleanup levels for industrial land uses were used as initial screening criteria. MTCA Method A industrial soil cleanup levels are based on industrial land uses. Specifically, these cleanup levels consider values protective of adult industrial workers. MTCA Method A levels also include conservative assumptions regarding the chemical concentrations that would be protective of groundwater quality (Washington Administrative Code [WAC] 173–340–745). When Method A cleanup levels were not available, Method C values were applied. MTCA Method C levels are based on a direct-contact exposure scenario. These cleanup levels are also protective of industrial workers (WAC 173–340–745). Method B soil cleanup levels are referenced on the respective figures for cyanide and fluoride testing and are applicable for unrestricted residential use. These levels are not applicable to the Applicant's leased area given its zoning and its long history of industrial uses; however, they provide a point of reference for how low the constituent levels are in soils outside of the landfills and fill deposits. Table 3 shows the RI/FS screening levels for soil, landfill materials, and fill deposits, and focuses on the chemicals of concern addressed in subsequent sections.

Table 3. Screening Levels for Soil, Landfill Materials, and Fill Deposits

Parameter	Screening Level (mg/kg)	ARAR
Cyanide	70,000	Method C Industrial
Fluoride	210,00	Method C Industrial
Total cPAH	2	Method A Industrial
Total PCB Aroclors	10	Method A Industrial
TPH-Diesel	2,000	Method A Industrial

Notes:
Source: Anchor QEA 2015
mg/kg = milligrams/kilogram; ARAR = applicable, relevant, and/or appropriate requirement; cPAH = carcinogenic polycyclic aromatic hydrocarbon; PCB = polychlorinated biphenyl; TPH = total petroleum hydrocarbons

Figure 6. RI/FS Testing Locations



Groundwater

Although the groundwater contained in the fill soil and shallow silt and clay soils of the upper alluvium in the Applicant's leased area is not used as a drinking water source, the data screening process for groundwater considered regulatory requirements applicable to groundwater that is used as a drinking water source. MTCA Method A groundwater cleanup levels were used as these levels to consider risks associated with ingestion of drinking water (WAC 173–340–720). State drinking water maximum contaminant levels were also used because these levels assume drinking water as the highest beneficial use of groundwater and are typically more stringent than the national drinking water standards (WAC 246–290–310) (Table 4).

Table 4. Screening Levels for Groundwater

Parameter	Screening Level	Unit	ARAR
Cyanide	0.2	mg/L	MCL
Fluoride	4.0	mg/L	MCL
Total cPAH	0.1	µg/L	MTCA Method A
Total PCB Aroclors	0.1	µg/L	MTCA Method A
TPH-Diesel	500	µg/L	MTCA Method A

Notes:
Source: Anchor QEA 2015
ARAR = applicable, relevant, and/or appropriate requirement; mg/L = milligrams per liter; MCL = maximum contaminant level; µg/L = micrograms per liter; cPAH = carcinogenic polycyclic aromatic hydrocarbon; PCF = polychlorinated biphenyl; TPH = total petroleum hydrocarbons

Remediation Prior to the Remedial Investigation/Feasibility Study

Decommissioning and demolition activities have been conducted at the Reynolds facility since the plant ceased operations in 2001. From 2004 through January 2011, CVI conducted plant-wide demolition and cleanup activities, including soil cleanup work. Approximately 29,270 tons of hazardous waste were disposed of off site.

As discussed above, following the sale of the CVI assets, the Applicant took ownership of the facility in January 2011 and continued cleanup efforts through December 2012. Removal of the remaining aluminum smelting equipment, materials, and waste from the property, as well as materials that remained from CVI operations, occurred from 2001 to 2012 and included the following materials.

- 700 tons of cleanup debris (disposed of off site)
- 90 tons of wood waste (disposed of off site)
- 1,200 tons of scrap metal (recycled)
- 20 tons of pitch-contaminated debris (disposed of off site)
- 200 tons of underflow solids (disposed of off site)
- 1.8 million gallons of thin stillage (disposed of off site)
- 2.8 million gallons of stormwater runoff from the flat storage area (disposed of off site)
- More than 6,500 tons of alkaline ore from the north and south potline buildings (disposed of off site)
- 2,500 tons of alumina ore (removed by product owner)
- 20,000 tons of carbon (recycled off site)
- 26,000 tons of fly ash (reused off site)

During that same time (between June 2011 and December 2012), abatement, removal, and facility repair activities occurred on the machine shop floor, which is located in the maintenance building. This area contained asbestos, polychlorinated biphenyl (PCB), and lead, all of which are considered

hazardous waste. These materials required removal and disposal under a Toxic Substances Control Act permit. A total of 68 tons of flooring was removed and disposed of at an approved hazardous waste landfill in Arlington, Oregon.

Figure 7 shows the coordinated removal and cleanup actions on the former Reynolds facility site, including previous actions that have been completed, previous actions that need further evaluation, and areas that need additional investigations.

Project Area Remediation

This section discusses remedial actions conducted within the boundaries of the project area.

Flat Storage Area

The flat storage area was developed by CVI in the western portion of the project area, between the potline buildings and the cable plant (Figure 7). More than 100,000 tons of green petroleum coke were left in the flat storage area when CVI vacated the property. Ecology approved the Applicant's plan to remove the remaining petroleum coke and more than 21,000 tons of cement as part of the decommissioning. As discussed below, this area has been identified for long-term management and will be included in the final cleanup action plan.

Stormwater Retention Basin

As part of routine stormwater pond maintenance, approximately 1,000 tons of pond solids were removed from the stormwater retention basin located south of the flat storage area (Figure 7). These solids were disposed of in an approved and permitted facility off site. Remedial actions have been completed for this area, and no further cleanup activities have been identified.

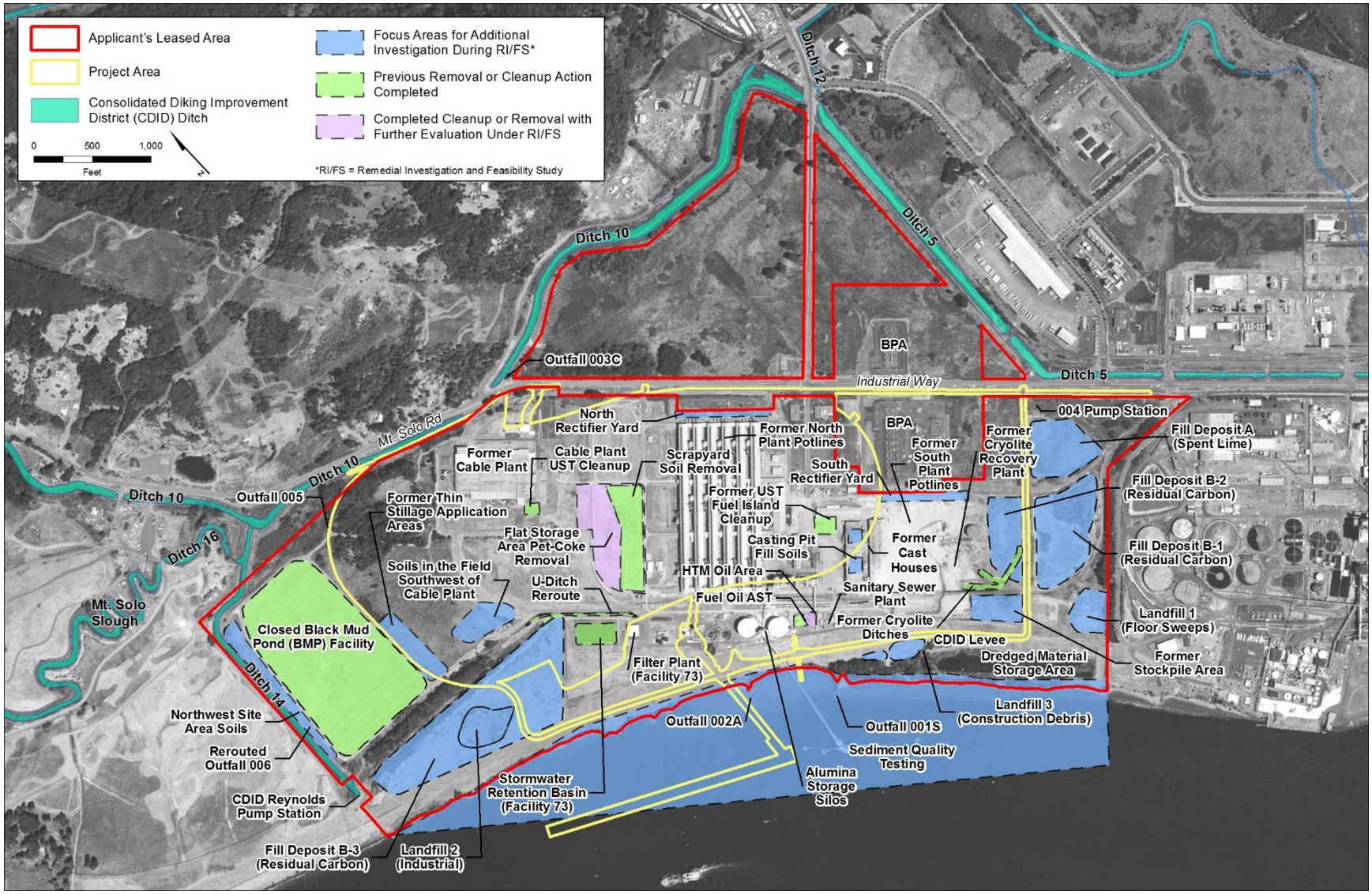
Scrap Yard Soil

The scrap yard is located west of the former North Plant potline buildings, adjacent to the flat storage area (Figure 7). During operations at the Reynolds facility, scrap metal was placed in this area for reuse or off-site recycling. The scrap yard was later included in the flat storage area developed by CVI. As discussed above, the flat storage area was used by CVI for stockpiling bulk products such as green petroleum coke and coal. Approximately 200 cubic yards of PAH-affected soil in the scrap yard was removed by CVI. Soil samples collected after the cleanup confirmed that residual soil PAH concentrations were less than the MTCA industrial land use cleanup levels; however, Ecology requested that expanded soil sampling be conducted as part of the final cleanup action plan throughout the adjacent flat storage area to determine if contaminants associated with petroleum coke leached into surrounding soils. The scrap yard and flat storage areas were subsequently combined into a single storage area by CVI.

Cable Plant Underground Storage Tank

An underground storage tank adjacent to the cable plant (Figure 7) was removed in 2001. Localized gasoline-affected soil and groundwater in this area were cleaned up under Ecology's oversight via a voluntary cleanup program. In 2003, Ecology provided a NFA determination for this area.

Figure 7. Previous Cleanup and Focus Areas



Former Underground Storage Tank and Fuel Island

A cleanup action addressed a localized area of diesel-affected soil associated with a former underground storage tank fuel island located east of the former potline buildings (Figure 7). Soils from this area were excavated and treated successfully using bioremediation. After treatment, the soils met the MTCA Method A cleanup levels. With Ecology's approval, the treated soils were reused on site as fill. Remedial actions have been completed for these areas, and no further cleanup activities have been identified.

Drum Soil

In 1969, while the North Plant was being constructed, a leak of about one-third of a 55-gallon drum occurred near the North Plant of the Reynolds facility site. Once the leak was discovered, the remaining liquid was placed in a PCB temporary storage area and hauled to an approved hazardous waste disposal site in Arlington, Oregon. No action was taken to investigate the magnitude and nature of the release. Affected soils were subsequently discovered in July 1984, during construction activities. It is assumed the release occurred on the project area, where the North Plant is located. PCBs were detected in soil samples, and associated affected soils were removed in October 1984, and July and August 1985. Approximately 23 cubic yards of contaminated soil were initially removed, with follow-up excavations removing an additional 105 cubic yards of contaminated soil. Excavated soil was hauled to an approved hazardous waste disposal site in Arlington, Oregon. In a letter dated February 20, 1986, Ecology confirmed that trichlorobenzene and PCB concentrations were cleaned up to acceptable levels and considered the work complete. Remedial actions have been completed for this area, and no further cleanup activities have been identified.

Applicant's Leased Area Remediation

This section discusses remedial actions outside of the project area but still in the Applicant's leased area (Anchor QEA 2015, Section 2).

Cryolite Recovery Plant

The cryolite recovery plant (Figure 7) was demolished in 2004. This included the removal of approximately 800 tons of metal, 150 tons of concrete, 161 tons of construction debris, 132 tons of brick/refractory, and 850 tons of underflow solids. Transformer metals and oils were recycled. No further remedial activities related to the cryolite recovery plant are required in the final cleanup action plan.

Cryolite Area Ditches

Sampling performed in 2002 indicated that the soils located southeast of the former cryolite plant (Figure 7) contained elevated PAH concentrations in excess of industrial soil cleanup levels. Cleanup completed in 2008 removed 5 to 6 feet of material from the bottom and sides of the ditches. Sampling revealed that soil PAH concentrations at the bottom of the ditches were below MTCA Method A soil cleanup levels. However, further remedial activities will be performed in the cryolite area ditches as part of the final cleanup action plan.

Diesel Aboveground Storage Tank

In 1991, Reynolds conducted a voluntary cleanup action to remove approximately 480 cubic yards of diesel-affected soils adjacent to the 200,000-gallon diesel aboveground storage tank (Figure 7). The tank is located between the alumina silos and the carbon plant. Testing of groundwater near the tank indicated that the impacts were limited to soil. The excavation removed all of the affected soils that could be safely accessed without compromising the integrity of the tank foundation. The excavated soils were treated on site using bioremediation. Cleanup of the tank area included recording institutional controls for a localized area of affected soils that remained below the active tank foundation. No further remedial activities related to the tank are required in the final cleanup action plan.

Heat-Transfer Media Oil Area

During CVI operations at the Reynolds facility, a release of heat-transfer media oil from the tank heating system was discovered within the containment area around the pitch storage tanks (Figure 7). Heat-transfer media oil is similar to mineral oil. CVI removed oil-affected soil in the area, and additional soil and groundwater sampling was conducted as part of the RI/FS (Anchor QEA 2015) to document current conditions. Results indicated that the residual petroleum concentrations were below site-specific soil cleanup levels and did not exceed levels for the protection of groundwater quality. However, further remedial activities will be performed in the oil and pitch storage areas as part of the final cleanup action plan.

Closed Black Mud Pond (BMP) Facility

As discussed under the former cryolite recovery plant operations, a byproduct of the cryolite recovery process was black mud, which was disposed of in several fill deposits. One such pond was located in the West Plant area near Landfill 2 (Figure 7). The 33-acre black mud pond impoundment, which was formally closed in 1992, has been subject to an approved ongoing maintenance and monitoring program overseen by Ecology. Since implementation, the closed BMP facility has continued to meet the requirements of the maintenance and monitoring program. Details on closure, post-closure, and maintenance and monitoring can be found in the *Millennium Coal Export Terminal Longview, Washington, Hazardous Materials Resource Report* (URS Corporation 2014). No further remedial activities related to the closed BMP facility are required in the final cleanup action plan.

Fill Deposit A (Spent Lime)

In 2000, the fill deposit located in the northeastern area of the Reynolds facility was tested as a part of field investigations (Figure 7). Elevated fluoride and PAH concentrations were recorded for Fill Deposit A and will be further remediated as part of the final cleanup action plan.

Fill Deposit B-1 (Residual Carbon)

In 2002, the fill deposits containing residual carbon, located along the eastern edge of the property, were investigated (Figure 7). Elevated fluoride and PAH concentrations were recorded for Fill Deposit B-1 and will be further remediated as part of the final cleanup action plan.

Former Spent Potliner Stockpile Area

The former SPL stockpile area was located southeast of the cryolite recovery plant (Figure 7). Reynolds installed six groundwater monitoring wells (R-series wells) in the SPL area in October

1982. These wells were monitored quarterly from 1983 to 2002 and have been part of an ongoing quarterly monitoring program since 2011. Soil sampling was performed in this area following removal of the SPL stockpile and associated soils. In 2002, soil and groundwater testing was conducted in the area of the former SPL stockpile; no SPL was observed in the area. However, further remedial activities will be performed in the stockpile area as part of the final cleanup action plan.

Cryolite Recovery Plant and Fill Deposit B-2 (Residual Carbon)

Testing of the soils in the footprint and near the former cryolite recovery plant (Figure 7) revealed elevated fluoride in areas east of the former plant where residual carbon was managed. Further remedial activities will be performed as part of the final cleanup action plan.

Landfill 1 (Floor Sweeps)

In 2000 and 2002, levels of fluoride, cyanide, metals, petroleum, and PAHs were investigated for soils and groundwater at Landfill 1 (Figure 7). Elevated fluoride and PAH concentrations were recorded for Landfill 1 and will be further remediated as part of the final cleanup action plan.

Landfill 2 (Industrial) and Fill Deposit B-3 (Residual Carbon)

In 1985, soil borings and monitoring wells were installed throughout Landfill 2 to monitor residual carbon levels at the landfill and Fill Deposit B-3 (Figure 7). Elevated fluoride and PAH concentrations were recorded for Landfill 2 and Fill Deposit B-3, and will be further remediated as part of the final cleanup action plan.

Chemicals of Concern

As discussed above, historical operations in the Applicant's leased area resulted in the placement of contaminant-bearing materials on the pervious soil surface at various locations throughout the property. These placements occurred in the undeveloped areas on the west and east sides of the Applicant's leased area, primarily outside the boundaries of the project area. The primary chemicals of concern identified in the RI/FS are cyanide, fluoride, PAHs, PCBs, metals, total petroleum hydrocarbons, volatile organic compounds (VOCs), pesticides, and nutrients (Anchor QEA 2015).

Cyanide

Extensive soil testing has been conducted for cyanide in on-site landfill contents and other on-site fill deposits. All but one of the documented three landfills and four fill deposit sites are within the Applicant's leased area but outside of the project area; the northeastern portion of Fill Deposit B-3 is located in the southwest corner of the project area. Cyanide testing was performed because certain aluminum manufacturing byproducts can contain cyanide. During aluminum manufacturing, varying levels of cyanide compounds can be produced when nitrogen in the air combines with carbon in the carbonaceous materials of the pot lining. All areas of SPL were removed from the property during previous remedial actions. Residual carbon (a byproduct of the cryolite recovery process) has limited mobility in the capped fill deposits in the Applicant's leased area; however, the residual carbon no longer maintains the chemical properties of the original potliner because of activities conducted during the previous recycling process. As shown on Figure 8, total cyanide levels in soils, landfills, and fill deposit materials throughout the Applicant's leased area were very low. None of the samples tested exceeded the Ecology-approved RI/FS soil screening levels, and all were below both the MTCA soil cleanup levels applicable to industrial sites (MTCA Method C cleanup level; 70,000

milligrams per kilogram [mg/kg]) and the more stringent criteria for residential sites (MTCA Method B cleanup level; 1,600 mg/kg). Therefore, cyanide in soils will not be further evaluated in the cleanup action plan.

Fluoride

Fluoride can be present in aluminum manufacturing byproducts because of its use in the manufacturing process. Extensive testing for fluoride was conducted in all three landfills and the four fill deposits that were used to manage spent lime (Fill Deposit A) and residual carbon (Fill Deposits B-1, B-2, and B-3). Extensive testing was also performed near the closed BMP facility, former North Plan potlines, former cast houses, cryolite area ditches, cryolite recovery plant, and former stockpile area. Figure 9 shows the testing locations and summarizes the testing results for fluoride.

RI/FS-related soil testing shows that fluoride concentrations comply with MTCA residential soil cleanup levels outside the landfill and fill deposit areas of concern, and none of the landfill or fill deposit samples exceeded the MTCA cleanup levels applicable to industrial sites (Anchor QEA 2015). Therefore, fluoride is contained within the managed fill areas and does not pose a risk to on-site industrial workers, adjacent property owners, or the environment. Additionally, the existing fluoride concentrations in soils were evaluated for potential risks to terrestrial ecological receptors. The only materials that exceeded protective levels for fluoride are the materials contained within the closed fill and landfill deposits. Therefore, options for the long-term management of these fill and landfill deposits, some of which are located on the project area (Fill Deposit B-3), were identified in the RI/FS and will be carried forward into the cleanup action plan.

Evaluation of groundwater data indicates that the soil quality outside the landfills and fill deposits is protective of groundwater quality and does not exceed applicable screening levels except in the immediate vicinity of the landfills and fill deposits, of which Fill Deposit B-3 is located in the southwest corner of the project area.

Elevated Fluoride Concentrations: Project Area

Elevated fluoride concentrations were found to be present in the immediate vicinity of Fill Deposit B-3, which is located in the southwest corner of the project area. Monitoring shows that fluoride has limited mobility under existing conditions and is not affecting down-gradient groundwater or surface water quality. The cleanup of soils in this area will be performed under the final cleanup action plan once the preferred remedial alternative identified in the RI/FS has been approved.

Elevated Fluoride Concentrations: Applicant's Leased Area

Elevated fluoride concentrations were found to be present in the immediate vicinity of the landfills and fill deposit areas in the Applicant's leased area but outside the project area. Monitoring shows that fluoride has limited mobility under existing conditions and is not affecting down-gradient groundwater or surface water quality. The cleanup of soils in this area will be performed under the final cleanup action plan once the preferred remedial alternative identified in the RI/FS has been approved.

Figure 8. RI/FS Soil, Landfill, and Fill Deposit Testing Results – Total Cyanide

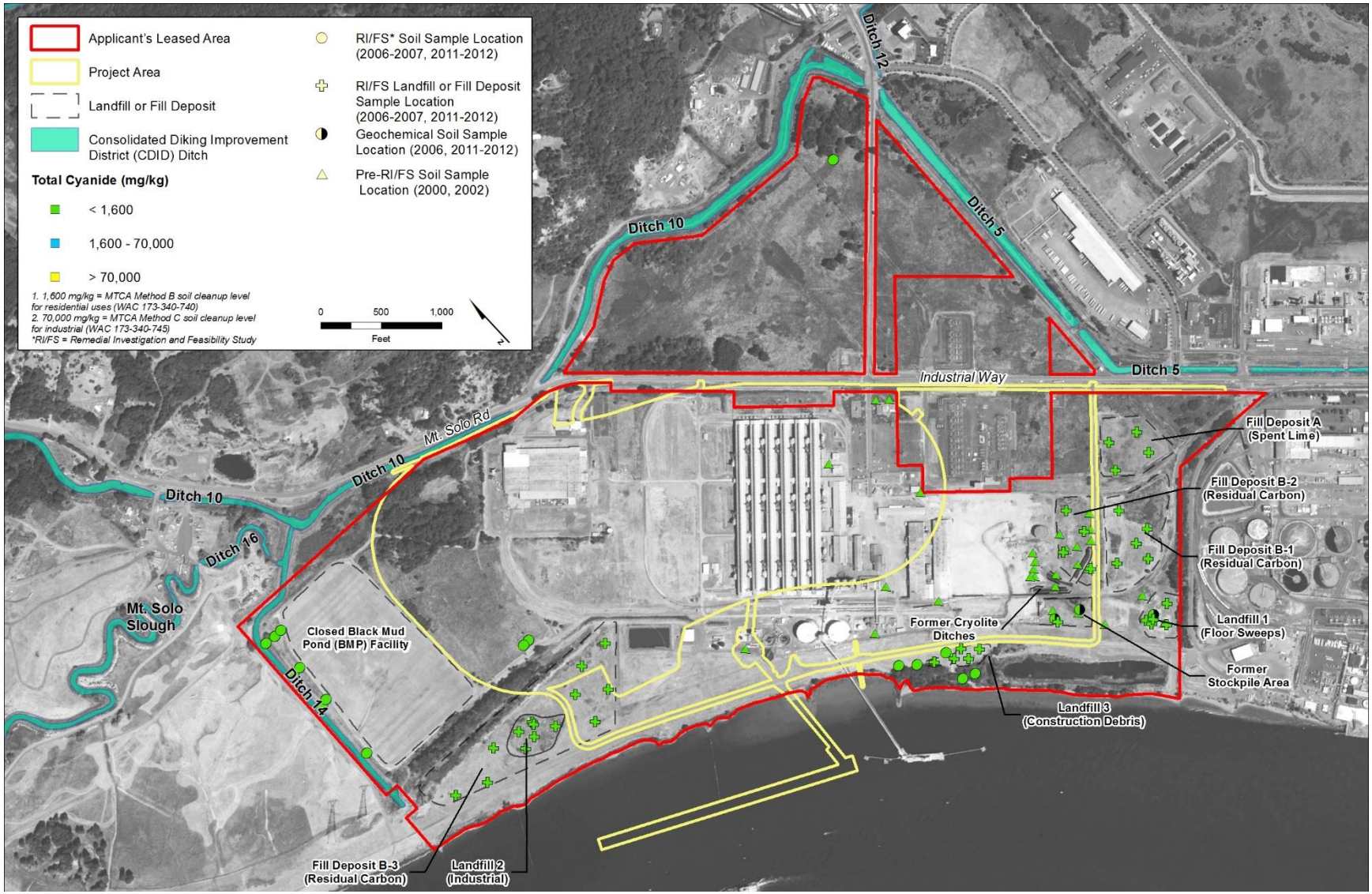
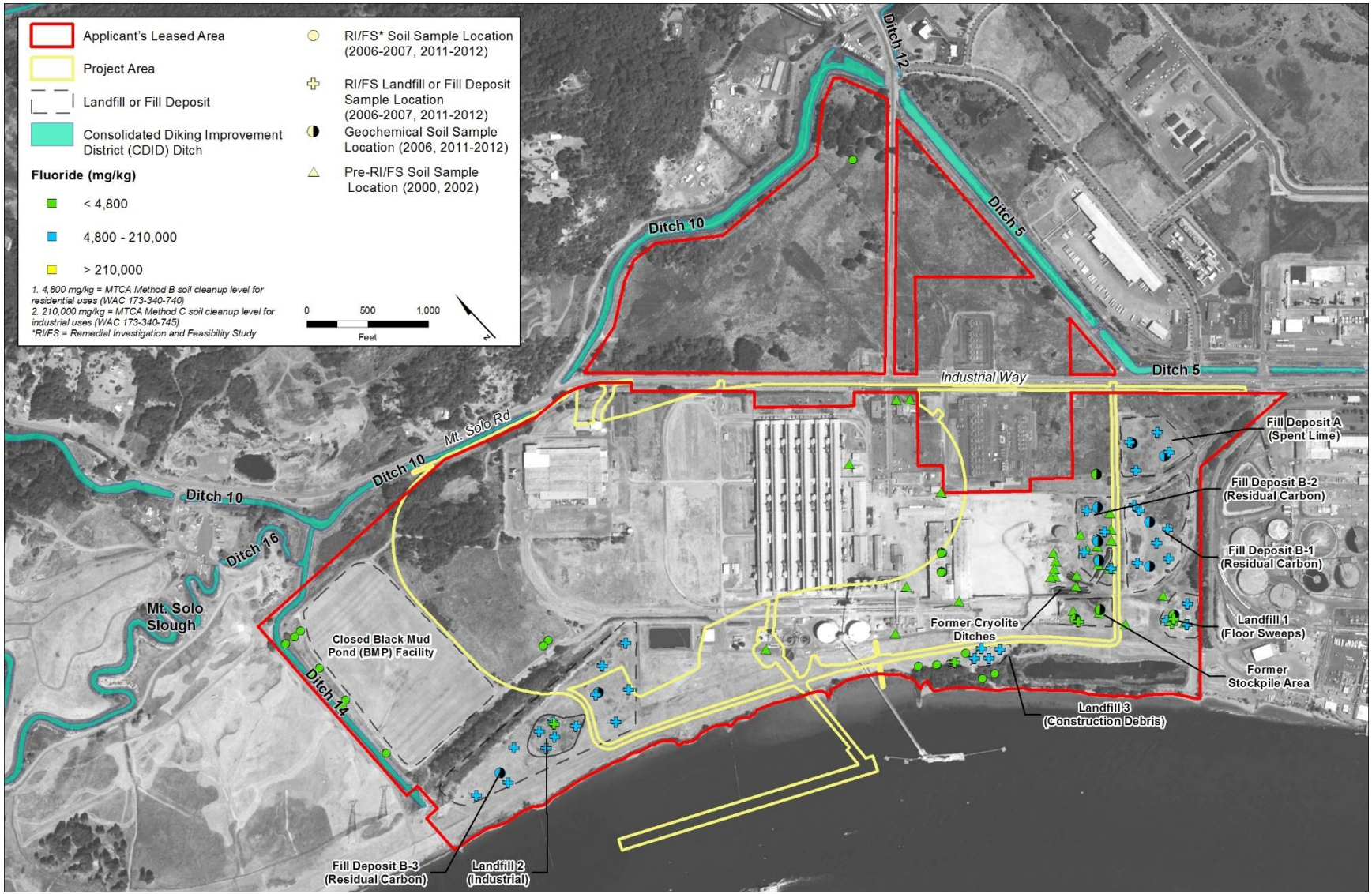


Figure 9. RI/FS Soil, Landfill, and Fill Deposit Testing Results – Total Fluoride



Polyaromatic Hydrocarbons

Extensive testing of soil, landfill materials, and fill deposits was performed for PAH compounds. These compounds are present in the carbonaceous materials used to construct the anodes and potliners for the aluminum manufacturing process. In particular, the pitch-based binder material used to construct the anodes tends to contain elevated concentrations of these compounds. Figure 10 summarizes the results of testing for PAH compounds, specifically the carcinogenic polycyclic aromatic hydrocarbon (cPAH) compounds, which have the most stringent screening levels.

Polycyclic Aromatic Hydrocarbons: Project Area

Areas with cPAH concentrations in subsurface soils that exceed applicable screening levels in the project area include Fill Deposit B-3 and the northeast corner of the former flat storage area. However, the fill deposit areas are capped and contained and do not present an exposure risk to on-site industrial workers; although one sample in the flat storage area did exceeded the MTCA Method C industrial soil cleanup level. This indicates that elevated cPAH concentrations in these locations are extremely localized and not likely to pose an exposure risk to on-site industrial workers, adjacent property owners, or the environment.

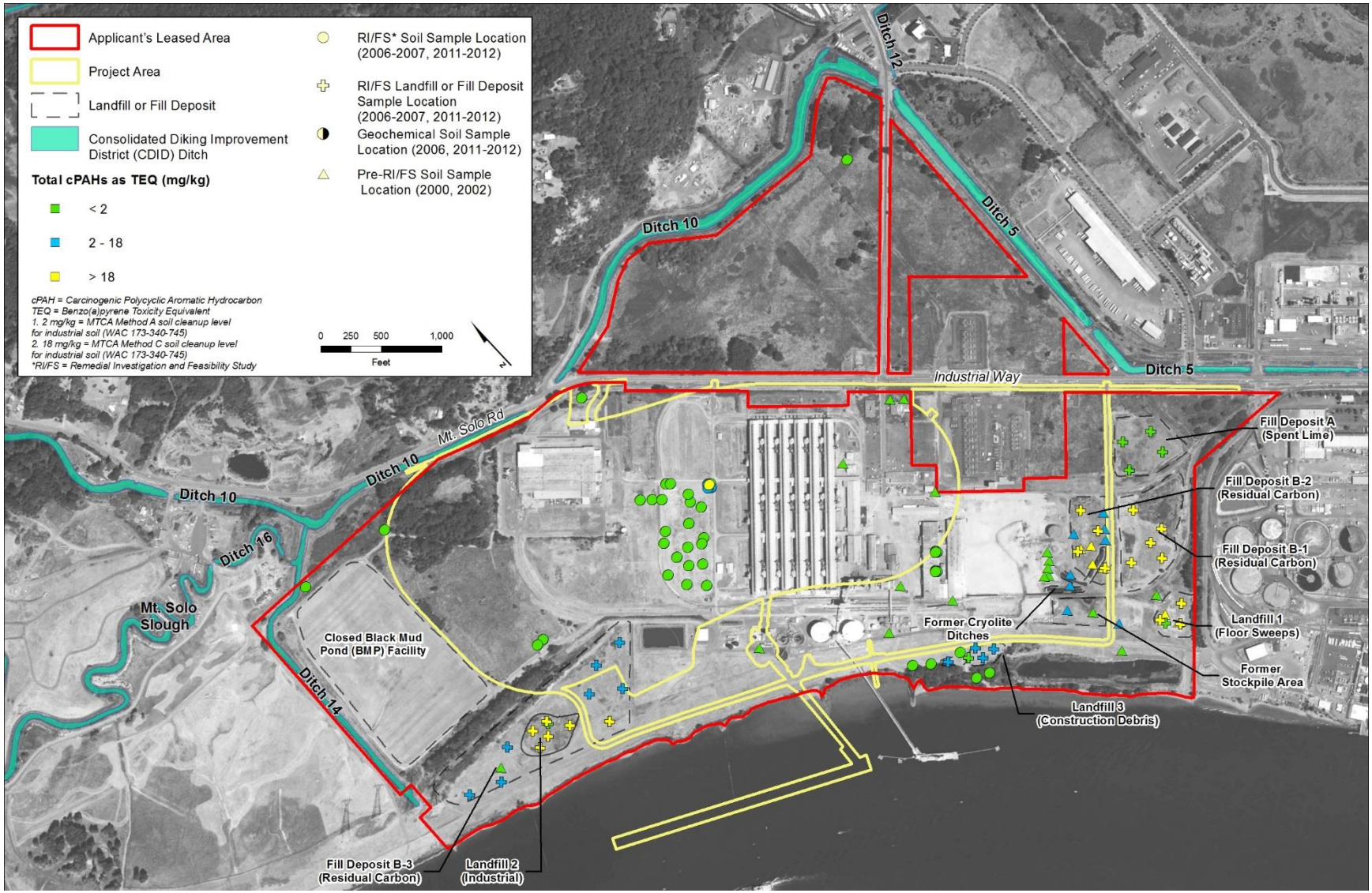
Elevated levels of noncarcinogenic PAH compounds are found in these same areas and will be addressed under the final cleanup action plan once the preferred remedial alternative identified in the RI/FS has been approved.

Polycyclic Aromatic Hydrocarbons: Applicant's Leased Area

Areas with cPAH concentrations in subsurface soils that exceed applicable screening levels in the remaining leased area include all three landfills, Fill Deposits B-1 and B-2, soils near the cryolite area ditches, and soil in and near the former stockpile area. As mentioned above, the landfill and deposit areas are capped and contained, and therefore do not present an exposure risk to on-site industrial workers. However, naphthalene, a PAH compound associated with the carbonaceous aluminum manufacturing byproducts, exceeded soil screening levels. This included samples taken from Landfills 1 and 2. Moreover, soil PAH concentrations were screened against default cleanup levels, which are intended by Ecology to ensure the protection of groundwater quality. Soils and fill materials that exceed the MTCA screening level for industrial sites were present in other parts of the Applicant's leased area, including Landfill 3 and areas near the cryolite ditches and the former stockpile area. However, groundwater data for PAH compounds indicate that these compounds have limited mobility under facility conditions and generally do not exceed screening levels in shallow groundwater at the facility property.

Elevated levels of noncarcinogenic PAH compounds are found and contained in these same areas and will be addressed under the final cleanup action plan once the preferred remedial alternative identified in the RI/FS has been approved.

Figure 10. RI/FS Soil, Landfill, and Fill Deposit Testing Results – cPAH



Polychlorinated Biphenyls

Aluminum manufacturing operations in the Applicant's leased area did not include the types of operations that have been associated with PCB impacts at other aluminum manufacturing sites. The RI/FS included targeted testing in the former rectifier yards and in the landfills, fill deposits, and stormwater drainage areas. The areas in the project area are the northern portion of the South Rectifier Yard, the eastern portion of Fill Deposit B-3, and the northern portion of the stormwater retention basin. Results of PCB testing are shown on Figure 11. None of the measured soil concentrations exceeded screening levels. Furthermore, PCB concentrations were all less than the levels considered protective of terrestrial ecological receptors. Additionally, PCBs have not been detected in any of the groundwater samples. However, because the Toxic Substances Control Act has more restrictive cleanup levels for PCBs than those evaluated in the RI/FS, PCBs will be further evaluated in the final cleanup action plan.

Metals

The RI/FS testing program results confirm that concentrations of heavy metals are very low in the Applicant's leased area, including the project area. With the exception of localized metals exceedances in the landfill deposits outside of the project area but in the leased area, concentrations of heavy metals were below screening levels applicable to industrial sites.

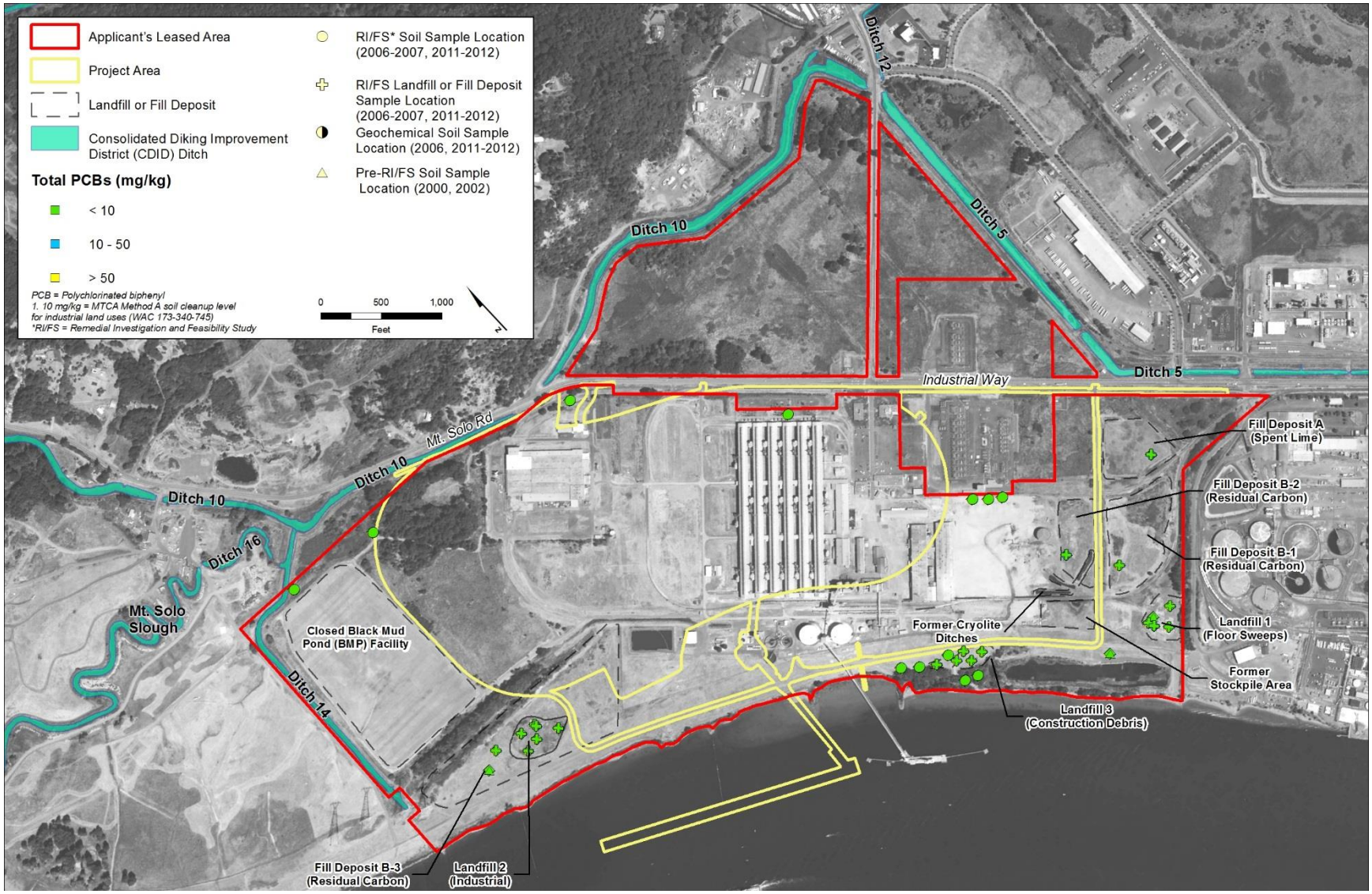
Additionally, Ecology requested that landfill and fill deposit materials be evaluated for toxicity characteristics leaching procedure metals. This metals test is used under state and federal regulations to determine whether soils or other materials destined for off-site management should be designated as a hazardous waste and thus require special handling under state dangerous waste or federal hazardous waste regulations. No exceedances of test criteria were noted in any of the samples, and metals will not be further evaluated in the cleanup action plan.

Total Petroleum Hydrocarbons

Screening soil samples for total petroleum hydrocarbons were taken from the project area, including the south rectifier yard and the field southwest of the cable plant. The screening samples outside the project area but in the Applicant's leased area were taken from the north rectifier yard, the three landfills, and Fill Deposits B-1 and B-2. Follow-up sampling was also performed in the heat-transfer media oil area. No areas were identified where petroleum hydrocarbon–affected soil exceeded applicable screening levels. However, total petroleum hydrocarbons and heat-transfer media oil will be further evaluated in the cleanup action plan to verify the results of previous investigations.

After the RI/FS was finalized in January 2015 and during subsequent building demolition activities, a small area of stained soil was discovered northeast of the former south plant. Sampling of the soil indicated it contained total petroleum hydrocarbons. The area is approximately 7 feet wide by 12 feet long; soil staining appeared to end about 6 inches deep. Contaminated soil will be excavated and hauled offsite for proper disposal within 1 year of the effective date of the consent decree, pending permits.

Figure 11. RI/FS Soil, Landfill, and Fill Deposit Testing Results – Total PCBs



Volatile Organic Compounds

No chlorinated solvents or other VOCs (Anchor QEA 2015, Tables 5-8 and 5-18) were identified that were in excess of applicable screening levels. These results are consistent with findings from groundwater studies, which do not indicate VOC impacts in groundwater beneath the Applicant's leased area. Therefore, VOCs will not be further evaluated in the final cleanup action plan.

Pesticides

Pesticides were not detected in samples tested under the RI/FS program. Therefore, pesticides will not be further evaluated in the final cleanup action plan.

Nutrients

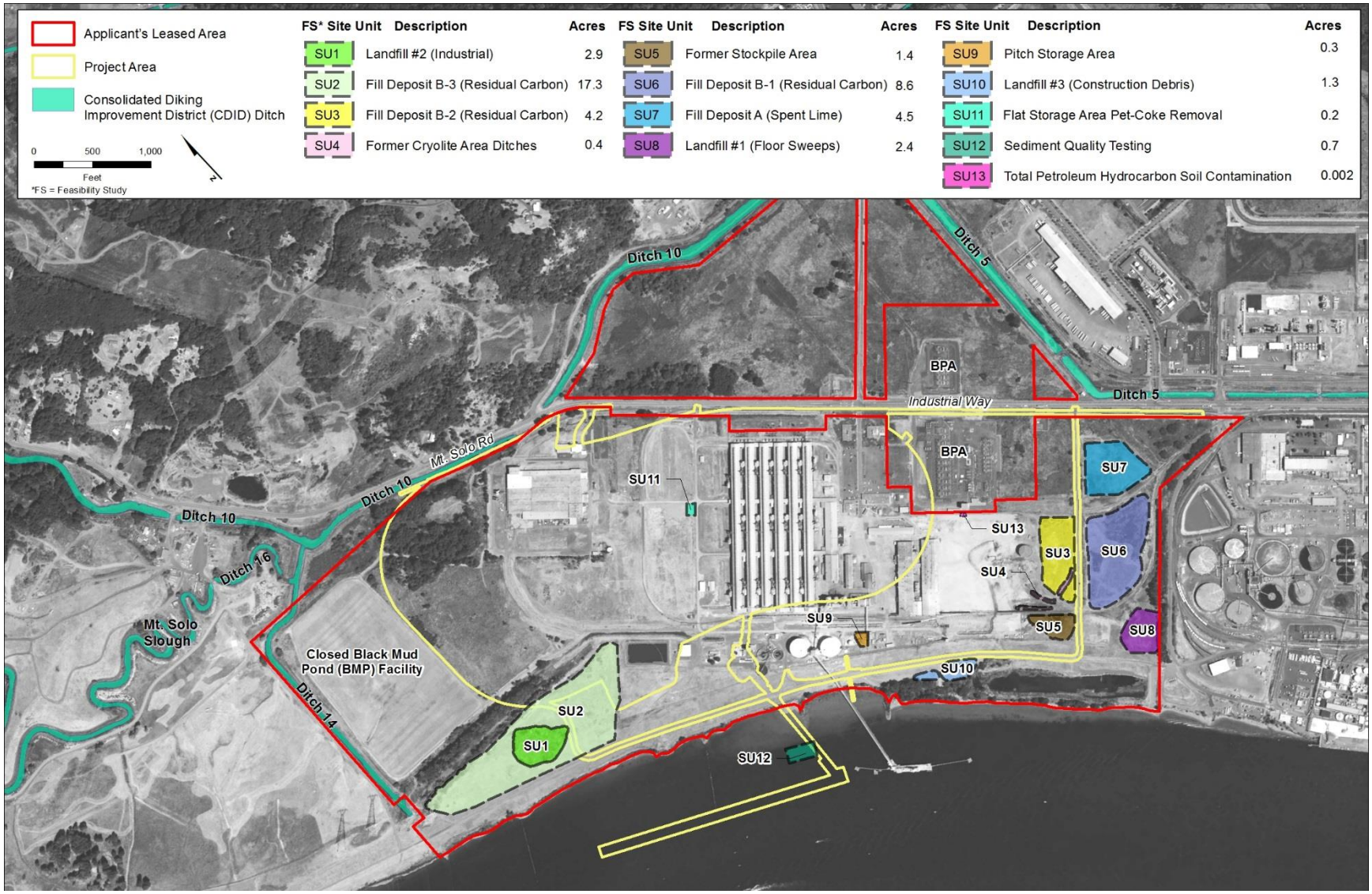
During operation of the facility by CVI, thin stillage (an agricultural byproduct from ethanol manufacturing that is sometimes used as cattle feed) was applied to a portion of the field located southwest of the cable plant and on the project area. Soil testing included analysis of eight samples from the thin stillage application areas and two unaffected samples from clean reference areas where no thin stillage was applied. The range of nutrient concentrations in the test samples was not significantly different from the concentrations of nutrients in the reference samples. Therefore, nutrients will not be further evaluated in the final cleanup action plan.

Final Cleanup Actions

Soil cleanup levels were developed in the RI/FS for fluoride, PAHs, total petroleum hydrocarbons, and PCBs; however, the principal site chemicals of concern in soils are fluoride and PAH compounds and are localized to the landfill and fill deposit areas. Based on the results of the remedial investigation in the RI/FS, 13 distinct feasibility study site units (SUs) and two areas of affected groundwater have been identified for further evaluation, as shown in Figure 12. SU11 and a portion of SU2 are located on the project area and include the eastern corner of the flat storage area and the northeastern portion of Fill Deposit B-3. The other 11 SUs are not located on the project area, but are in the Applicant's leased area.

Ecology will select cleanup standards and points of compliance in the final cleanup action plan. A cleanup action plan is typically prepared after the RI/FS has been finalized and a preferred remedial alternative has been selected. The plan is based on information and technical analyses generated during the RI/FS and consideration of public comments and community concerns. A draft cleanup action plan and draft consent decree was released in 2016 for a 60-day public comment period (Washington State Department of Ecology 2016). The comment period ended March 18, 2016. A responsiveness summary will be prepared to address public comments and then the reports will be finalized. Likely remedial technologies will include a combination of, but not necessarily all, removal, consolidation, capping, groundwater treatment, and monitored natural attenuation treatments. Property owner Northwest Alloys, Inc. (a subsidiary of Alcoa, Inc.) and the Applicant are legally responsible for the cleanup, including paying for and performing the work.

Figure 12. Feasibility Study Site Units



2.2.1 Hazardous Materials Sites in the Study Area

This section discusses environmental conditions related to hazardous materials sites outside of the project area but in the study area for hazardous materials. Seven hazardous materials sites were identified in the study area (Sites 1 through 7), as summarized in Table 2 and discussed in Section 2.1.3, *Data Screening.* Sites 6 and 7 were eliminated from further analysis. Site 6 is 33 miles north of the Proposed Action project area and therefore poses a negligible risk because groundwater flow from Site 6 is away from the project areas and contaminated groundwater has not been detected in nearby residential wells. Site 7 was identified as the nearest landfill site and eliminated from further evaluation because it is 4 miles east of the Proposed Action project area and poses a negligible risk because groundwater flow from Site 7 is away from the project areas and an NFA has been issued for the landfill. Therefore, five hazardous materials sites in the study areas require further evaluation and are described below.

2.2.1.1 Site 1—U.S. Department of Energy, Bonneville Power Administration, Longview Substation

Site 1, the BPA Longview Substation, is located at 3600 Industrial Way in the City of Longview and is approximately 82 feet east of the Proposed Action project area. The facility's standard industrial classification (SIC) is a government establishment engaged in the generation, transmission, and/or distribution of electric energy for sale (Washington State Department of Ecology 2014d; Occupational Safety and Health Administration 2014b, c). The facility also operates electric power transmission systems and/or controls transmission of electricity from the generating source to distribution centers or other electric utilities. The facility transmission system includes lines and transformer stations (U.S. Census Bureau 2013a, b). Two federal databases and seven state databases list Site 1 as a hazardous materials site (Appendix A, *EDR DataMap Area Study for the Proposed Action*). These databases include the federal RCRA-CESQG and FINDS databases, and the Washington State MANIFEST, CSCSL, HSL, ALLSITES, LUCT, SPILLS, and ICR databases. Site 1 is also listed in the state's HAZWASTE and TOXICS program for multiple interactions, including the following characteristics (Appendix A; Washington State Department of Ecology 2014d).

- Hazardous waste management activity
- Underground storage tanks
- Hazardous waste generator
- Hazardous waste planner
- Leaking underground storage (LUST) facility

The facility is a small-quantity generator of hazardous waste, and violations and remediation activities have been reported for the site. Cleanup of the facility was initiated in September 1992, when the site was identified as a LUST site and underwent Ecology investigations and hazard assessments. Cleanup under the LUST program continued through April 1996. In January 2005, a container filled with transformer parts released dielectric oil to the surrounding soil. The oil migrated to a perforated pipe that fed a drainage ditch. Sorbent booms were placed in the catch basins and at the outfall to minimize the release. An unknown amount of sediment and soil was removed from the site for disposal. A second release occurred in January 2005, resulting from a

dripping transformer that released dielectric oil to the surrounding yard rock; however, the contamination was contained (Washington State Department of Ecology 2014a).

In June 2013, the site was listed on Ecology's Hazardous Site Listing (HSL) with a Rank 1 status, indicating a high priority for cleanup. Soils on site are contaminated by benzene, other nonhalogenated organics, and petroleum-gasoline. Soil contamination from petroleum-diesel has been confirmed, but at levels below those that require cleanup. Groundwater contamination by other nonhalogenated organics and petroleum-diesel is suspected. Groundwater contamination from benzene and petroleum (gasoline) has been confirmed to be above levels that require cleanup. Cleanup efforts on the site are still ongoing for soil and groundwater contamination from the leaking underground storage tanks. The remainder of the site is awaiting cleanup (Washington State Department of Ecology 2014e).

2.2.1.2 Site 2—McCall Trucking

Site 2, McCall Trucking, is located at 108 Bradford Place in the City of Longview and is approximately 111 feet northwest of the Proposed Action project area. This facility is primarily engaged in the warehousing and storage of a general line of goods (Washington State Department of Ecology 2014f; Occupational Safety and Health Administration 2014d). Site 2 is listed on two state databases: WA ALLSITES and WA SCSCL, and is also listed in the state's TOXICS program as an independent cleanup site with a remedial action performed without Ecology oversight or approval (Appendix A, *EDR DataMap Area Study for the Proposed Action*; Washington State Department of Ecology 2014f).

Initial investigation of the site commenced in August 1994 and a hazard assessment was initiated in June 2013. Halogenated organics, metals, and non-halogenated solvents are suspected in groundwater, surface water, and soil. Unspecified petroleum products are suspected in groundwater and surface water, and unspecified petroleum products were confirmed above cleanup levels in soils. The site is currently awaiting cleanup (Washington State Department of Ecology 2014g).

2.2.1.3 Site 3—Schill Brothers Asphalt & Paving/American Asphalt

Site 3, Schill Brothers Asphalt & Paving/American Asphalt, is located at 4646 Mount Solo Road in the City of Longview and is approximately 856 feet northwest of the Proposed Action project area. Currently, the Schill Brothers Asphalt & Paving/American Asphalt site is the location of a non-operational paving business (Washington State Department of Ecology 2014a). The site is listed on three state databases: WA CSCSL, WA ALLSITES, and WA HSL, as well as in the state's SPILLS and TOXICS program as a state cleanup site which a final enforcement action has been issued (Appendix A, *EDR DataMap Area Study for the Proposed Action*; Washington State Department of Ecology 2014h).

The Schill Brothers Asphalt & Paving/American Asphalt site is located adjacent to and partially atop the inactive Mount Solo Landfill. The Mount Solo Landfill was classified as a limited purpose landfill that disposed of mainly wood-wastes as well as construction and demolition waste. The closed Mount Solo Landfill accepted waste between about 1966 and 1992, including about 7.7 million cubic yards of waste products, primarily Weyerhaeuser pulp mill waste and less than about 15% demolition and miscellaneous waste from other sources. The Weyerhaeuser pulp mill waste products included wastewater treatment solids, wood waste, boiler ash, paper waste products, lime wastes, and less than about 10% miscellaneous waste materials. The landfill was closed in 1993

under WAC 173–304 Minimum Functional Standards for Solid Waste Handling, which includes closure and post-closure requirements for facilities that contain solid wastes. However, the owner of the closed landfill has reportedly stopped monitoring the groundwater due to financial hardship. According to information received from the Cowlitz County Health Department, Environmental Health Unit, the current environmental status of the Mount Solo Landfill is unknown. The last annual report was received in 2008 and the last post closure permit was issued that same year. The landfill has not been actively monitored since then (Long pers. comm.). Cowlitz County is considering options for cleanup and possible redevelopment of the site.

Cleanup actions were first initiated in May 1990, when the initial hazard site inspection occurred and the site was listed with a Rank 1 status on Ecology's HSL, indicating a high priority for cleanup. The site was removed from the HSL in 1995 (Washington State Department of Ecology 2014i). In March 2007, the Ecology spill response team visited the site in response to a complaint and discovered a 400-gallon oil storage tank with a removed drain plug. Ecology noted the spill had migrated approximately 100 feet on an asphalt road and hired a contractor to pump eight 55-gallon drums and fifteen 5-gallon containers of used oils, which were hauled off site and disposed of at an approved facility. In July 2008, the site was relisted on the HSL (Washington State Department of Ecology 2014a).

Contaminants that have been remediated include base/neutral/acid organics, inorganic conventional contaminants, organic conventional contaminants, dioxin/dibenzofuran compounds, metals, and phenolic compounds found in groundwater, surface water, soil, and air. Unspecified petroleum products in soils are reported to be above cleanup levels. Site 3 is still an active cleanup site awaiting further remediation (Washington State Department of Ecology 2014i).

2.2.1.4 Site 4—GT Metals and Salvage (formerly Longview Auto Wrecking)

Site 4, GT Metals and Salvage (formerly Longview Auto Wrecking), is located at 2001 38th Avenue in Longview and is approximately 2,237 feet northeast of the Proposed Action project area. The facility's SIC is the distribution of used motor vehicle parts, including dismantling motor vehicles for the purpose of selling parts (Occupational Safety and Health Administration 2014e, f). Site 4 is listed on one federal database, FINDS, and four state databases: WA CSCSL, WA ALLSITES, WA HSL, WA NPDES. Site 4 is also listed in the state's WATQUAL and TOXICS programs for the following interactions (Appendix A, *EDR DataMap Area Study for the Proposed Action*; Washington State Department of Ecology 2014l).

- Final enforcement
- Industrial stormwater permit
- State cleanup site

The facility has an active industrial stormwater permit to regulate the discharge of contaminated stormwater to state waters. An initial site investigation was performed by Ecology in September 2003, and a site hazard assessment was performed by Ecology in June 2013. The site is also listed on Ecology's HSL with a Rank 1 status, indicating a high priority for cleanup. Soils on the site have been confirmed above cleanup levels for unspecific petroleum projects. Cleanup efforts on Site 4 are still ongoing (Washington State Department of Ecology 2014m).

2.2.1.5 Site 5—Weyerhaeuser Chlor-Alkali Facility

Site 5, Weyerhaeuser Chlor-Alkali Facility, is located at 3535 Industrial Way in Longview and is approximately 4,717 feet southeast of the Proposed Action project area. The facility's SIC is an establishment primarily engaged in manufacturing pulp from wood or other materials (Occupational Safety and Health Administration 2014g). This site is listed in three state databases, WA SCSCL, WA ALLSITES, and WA HSL, as well as the state's TOXICS program as a site being cleaned up under state regulations (Appendix A, *EDR DataMap Area Study for the Proposed Action*; Washington State Department of Ecology 2014n). In October 1991, Ecology issued an agreed order for remediation of mercury contamination in soils and groundwater, which resulted in the completion of an RI/FS in December 1995. The site was then listed on the HSL as a Rank 1 site in August 1995, and a cleanup action plan was completed in May 2001. Cleanup efforts on this site are still ongoing (Washington State Department of Ecology 2014o).

Chapter 3
Impacts

This chapter describes the impacts of hazardous materials that would result from construction and operation of the Proposed Action or the ongoing conditions under the No-Action Alternative.

3.1 Proposed Action

Potential impacts related to hazardous materials from the Proposed Action are described below.

3.1.1 Construction: Direct Impacts

Construction of the Proposed Action would result in the following direct impacts. Construction-related activities for the Proposed Action would occur in two stages and include the activities identified in Table 5.

Table 5. Construction Activities

Stage 1	Stage 2
• Establishment of construction staging area(s) • Demolition of existing structures • Site preparation (i.e., grading, earthwork, erosion control, settlement ponds) • Preloading of stockpiling pads 1 and 2 • Construction of three berms • Construction of two stackers and two reclaimers, located on two of the three berms • Rail loop construction • Construction of rotary tandem rail car dumper, conveyors, buffer bins, and transfer towers, including approximately 16,100 lineal feet of conveyors, of which approximately 11,200 lineal feet would be open conveyors and approximately 4,900 lineal feet would be enclosed. • Dredging, trestle, and dock construction • Construction of one shiploader on Dock 2 • Construction of support structures, electrical transformers, switchgear and equipment, process control systems, buildings, etc.	• Construction of any remaining rail storage tracks (for a total of eight rail storage tracks) • Preloading of stockpile pads 3 and 4 • Construction of two remaining berms (for a total of five berms) • Construction of two additional stackers and reclaimers • Construction of additional conveyors, buffer bins, and transfer towers, including 26,200 linear feet of conveyors, of which 17,900 linear feet would be open conveyors and 8,300 linear feet would be enclosed • Construction of one shiploader on Dock 3 • Construction of additional support structures, electrical transformers, switchgear and equipment, buildings, process control equipment

Construction equipment would include heavy machinery to prepare foundations and footings for the new facility, associated services, and utilities. This equipment would likely include cranes, wheel loaders, dozers, dump trucks, excavators, graders, rollers, compactors, drill rigs, pile-driving equipment, portable ready-mix batch plant, ready-mix trucks, concrete pumps, elevated work platforms, forklifts, rail track laying equipment, welders, water pumps, and other similar machinery.

Waste typically generated during construction activities could consist of contaminated soils; contaminated sediments; contaminated groundwater generated from excavation, drilling, and dewatering activities; and existing on-site building materials containing lead or asbestos. Demolition activities may result in exposing these substances.

Encounter Hazardous Materials during Construction

Construction of the Proposed Action could encounter hazardous materials on the project area that could pose risks to human health and the environment through contact with contaminated soil, contaminated groundwater, and inhalation of toxic vapors. However, with the exception of two small areas on the eastern corner of the flat storage area and the northeastern portion of Fill Deposit B-3 (SU2 and SU11 in Figure 12), the Proposed Action would be constructed in the project area where remedial action mandated as part of the final cleanup action plan is not required, either because hazardous materials do not occur in these areas or because hazardous materials have been previously remediated. For the two areas where overlap would occur, construction of the Proposed Action and remediation of the project area would be coordinated to avoid and minimize conflicts and potential exposure to construction personnel and the environment. Furthermore, Northwest Alloys and the Applicant would be required to follow the final cleanup action plan, comply with applicable state and federal laws and regulations, and provide for compliance monitoring to ensure cleanup actions comply with the cleanup plan. Therefore, remedial actions are expected to remove or isolate all hazardous materials and ensure that any remaining hazardous materials are below thresholds established by federal, state, and local regulations, thereby avoiding the potential for construction personnel or the environment to be exposed to hazardous materials.

Construction activities associated with the Proposed Action could encounter possible lead- and asbestos-containing materials, chemically treated wood, and PCBs during demolition of existing structures. Releases of these materials could migrate to the air, soil, surface water, or groundwater and affect the health and safety of construction personnel and others. Exposure to these contaminants is described in the following sections.

Additionally, project area preparations would involve preloading and installing vertical wick drains to consolidate low-consistency silt and low-density sand. These activities could take place adjacent to areas where known groundwater contamination exists and could penetrate these areas. According to the RI/FS (Anchor QEA 2015), fluoride transport in groundwater is limited by the solubility of fluorite. The anion exchange and adsorption to soil aluminum oxides serves to decrease fluoride movement in groundwater at the edges of contaminated areas. Furthermore, the permeability of the earth materials used for preloading would be relatively low and would not be particularly susceptible to the infiltration of contaminated groundwater. As described in the SEPA Groundwater Technical Report (ICF 2017a), once preloading is complete and the vertical drains are removed, the drains would be tested and characterized for the presence of dangerous waste prior to disposal. This work would be regulated and coordinated under the project-specific National Pollutant Discharge Elimination System (NPDES) Construction Stormwater Permit.

Lead and Asbestos. Buildings and structures that have lead- or asbestos-containing materials would require proper abatement procedures prior to demolition, renovation, or repair activities to reduce potential impacts. The use of asbestos in buildings and structures was common prior to 1980. The U.S. Environmental Protection Agency (EPA) issued a ban and phase-out rule for

asbestos in 1989. Most of the structures in the project area were built prior to 1980 and are planned for demolition as part of the Proposed Action. Both asbestos-containing materials and materials that contain lead (such as some types of paint) must be handled carefully during demolition and must be recycled or disposed of at an approved site as required by the Washington Hazardous Waste Management Act (Revised Code of Washington [RCW] 70.105) and the Washington Dangerous Waste Regulations (WAC 173–303). Asbestos surveys were performed for all existing on-site buildings (PBS Engineering and Environmental 2014). A lead paint survey was performed on the south plant only; lead surveys for the remaining buildings would be conducted prior to demolition activities. Abatement and management would be conducted prior to demolition, renovation, and/or repair for lead and asbestos as required by Washington Hazardous Waste Management Act (RCW 70.105 and WAC 173–303).

Buildings identified in the surveys as having asbestos-containing materials include the following:

- Main office,
- Maintenance and weld shop,
- Cast house (expansion),
- North plant compressor,
- Cable plant, and
- Potline buildings.

Details regarding quantities, types of construction materials, etc. can be found in the December 2014 *Subset of Previous Asbestos Survey Reports Millennium Bulk Terminals* prepared by PBS Engineering and Environmental.

Chemically Treated Wood. The State of Washington has dangerous waste exclusions for treated wood; these exclusions are outlined in WAC 173-303-071(3)(g)(i) for arsenical-treated wood and in WAC 173-303-071(3)(g)(ii) for wood treated with other preservatives (most commonly pentachlorophenol and creosote). Arsenical-treated wood, and in particular copper chromate arsenic (CCA)-treated wood is most often used for (but not limited to) outdoor building materials and is often referred to as "pressure-treated wood." Pentachlorophenol and creosote-treated wood is most often used for poles, pallets, marine piling and timbers, and railroad crossties. It should be noted that the dangerous waste exclusion for CCA-treated wood only applies to treated wood that fails the toxicity characteristic leaching potential for the D004 through D017 constituents.

If CCA-treated wood is encountered, and it meets the exclusion requirements described above, disposal options include the following:

- Disposal in a permitted municipal solid waste landfill (providing local regulation allow).
- Disposal/processing at a permitted treatment, storage, and disposal facility.
- Reuse by others.

If wood treated with other preservatives, as defined in WAC 173-303-071(3)(g)(ii), is encountered during demolition activities, it may be disposed/treated as follows:

- Wood designated as "state"-only may be disposed in a municipal solid waste landfill provided the landfill is equipped with a leachate detection system.
- Wood that designated as a "listed" waste or fails the toxicity characteristic leaching potential test may be sent to a non-permitted facility for treatment or recycling.
- Creosote-treated wood may be sent to a permitted treatment, storage, and disposal facility, i.e., burned in a regulated furnace of boiler for energy production.

Caulking and Sealants. PCBs were widely used in caulking and elastic sealant materials from the 1950s through the 1970s. These materials were used for their properties as a plasticizer, and were primarily used in or around windows, doorframes, stairways, building joints, masonry columns, and other masonry building materials. Prior to demolition, caulking would be sampled to determine if PCBs exist. If PCBs are found in on-site structures, remediation and disposal of these materials would be conducted under the Toxic Substances Control Act's (TSCA) PCB regulations 40 CFR Part 761 and using Ecology's *Draft PCB Chemical Action Plan*.

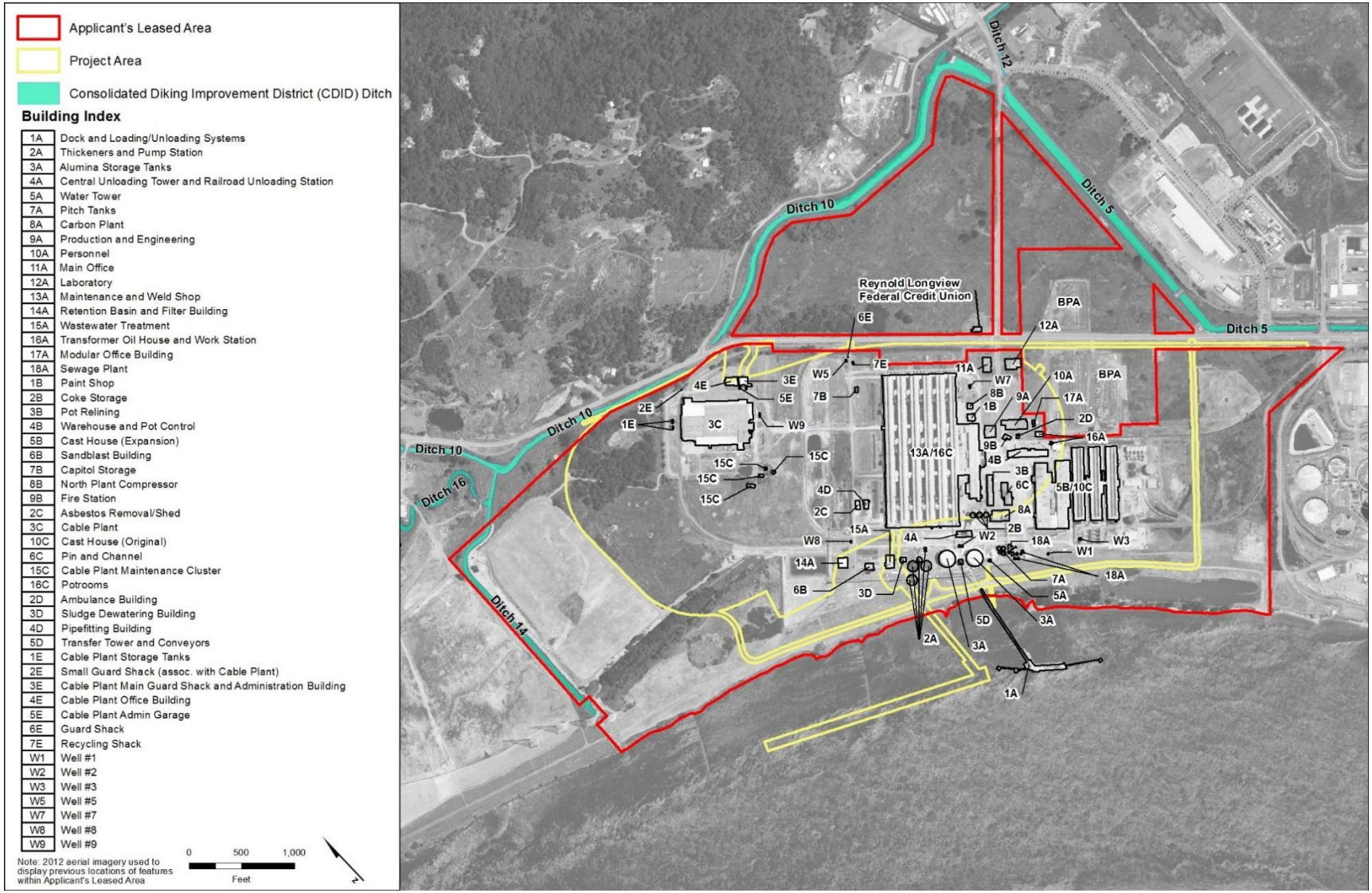
Figure 13 shows the former Reynolds Metals Company buildings and structures to be demolished. Demolition of these structures would require the adherence to all applicable standards and regulations listed in Table 1. The applicable agencies and regulations would provide oversight and prevention techniques. Thus, lead- and asbestos-containing material, treated wood debris, and caulking waste (containing PCBs) would be managed properly and disposed of at off-site facilities, thereby avoiding and minimizing potential impacts on human health and the environment.

Introduce New Sources of Hazardous Materials during Construction

Construction of the Proposed Action would involve the routine transport, use, storage, and disposal of hazardous materials such as fuels, solvents, paints, oils, concrete-curing compounds, and grease. Hazardous materials likely to be transported, used, stored, and disposed of during construction would be materials typical of construction projects and would generally be used and handled in relatively small quantities (less than 5 gallons). Impacts from releases would likely be localized and short-term in nature, although fuel spills could reach and affect the Columbia River. Fuel spills could range from less than 50 gallons up to a worst-case maximum spill from a fuel truck of approximately 4,000 gallons.[4]

[4] The capacity for fuel trucks used during construction and operations is discussed in the SEPA Energy and Natural Resources Technical Report (ICF 2017b).

Figure 13. Structures to Be Demolished



The transport, use, storage, and disposal of hazardous materials would be compliant with applicable federal, state, and local regulations such as the RCRA, U.S. Department of Transportation Hazardous Materials Regulations, and other regulations identified in Section 1.2, *Regulatory Setting*. The enforcement of construction and demolition standards, including best management practices by appropriate local and state agencies (i.e., Ecology, Longview Fire Department, Cowlitz County Public Works), would further minimize the potential for a spill, release, or explosion and ensure a timely cleanup response.

The Applicant would be required to obtain and comply with the NPDES Construction Stormwater Permit, which requires controls to protect surface water and groundwater. The permit would require the preparation of a construction stormwater pollution prevention plan and implementation of best management practices to avoid and minimize the risk of pollutants entering surface waters and groundwater. Moreover, the best management practices identified in Chapter 4, *Required Permits and Plans,* would be implemented during construction and operation of the Proposed Action to further avoid and minimize risks of exposure on surface waters.

3.1.2 Construction: Indirect Impacts

Construction of the Proposed Action would result in the following indirect impacts.

Encounter Hazardous Materials during Construction

The following sections describe impacts related to encountering hazardous materials on the Applicant's leased area and hazardous materials sites in the study area during construction of the Proposed Action.

Applicant's Leased Area. Construction of the Proposed Action is not expected to encounter hazardous materials in the Applicant's leased area outside the limits of disturbance for the project area. The chemicals of concern occurring in the Applicant's leased area include fluoride and PAHs in soils associated with the landfills, and fill deposits (Figure 12). These areas are contained by soil caps, and ongoing soil and groundwater monitoring show that fluoride has limited mobility under existing conditions and is not affecting down-gradient groundwater or surface water quality. The final cleanup action plan would include remediation of these areas along with those identified in the project area. Therefore, although groundwater and soils are contaminated in the Applicant's leased area, it is to be expected that they would be remediated during project construction and operations.

Hazardous Materials Sites in the Study Area. Construction of the Proposed Action is not expected to encounter hazardous materials that could pose risks to human health and the environment from any of the five hazardous materials sites identified in the study area (Section 2.2.2, *Hazardous Materials Sites in the Study Area*; Figure 3). Hazardous materials associated with each site are described below.

- **Site 1.** Soil contaminants documented at Site 1 would be contained during construction. Groundwater flow in the area is to the north-northwest, away from the project area. Although remediation is ongoing, the Proposed Action would not affect or be affected by hazardous materials originating from soil or groundwater contamination on Site 1.

- **Site 2.** Soil contaminants documented at Site 2 would be contained during construction. Groundwater flow at Site 2 is to the north-northwest, away from the project area. Although Site 2 is awaiting further remediation, construction would not affect or be affected by hazardous materials originating from soil or groundwater contamination on Site 2.
- **Site 3**. Soil contaminants documented at Site 3 would be contained during construction. No groundwater contamination has been reported for the site (Washington State Department of Ecology 2014l), which is separated from the project area by CDID Ditch 10. Any groundwater that did flow in the direction of the project area would be intercepted by and discharged to CDID Ditch 10. Although Site 3 is awaiting further remediation, construction would not affect or be affected by hazardous materials originating from soil contamination on Site 3.
- **Site 4**. Soil contaminants documented on Site 4 are above cleanup levels for unspecific petroleum products; however, no groundwater contamination has been reported (Washington State Department of Ecology 2014m). Because of the distance from the project area and the containment of soil contamination, construction would not affect or be affected by any hazardous materials originating from soil contamination on Site 4.
- **Site 5**. Soil contaminants documented at Site 5 would be contained during construction. Although groundwater flow in the area is to the north and northwest toward the project area, there is no indication that groundwater has been or is currently affected by contamination that occurred on Site 5 over 20 years ago. Site 5 has been undergoing cleanup since 1991. Construction would not affect or be affected by hazardous materials originating from soil contamination on Site 5.

As described above, soil contaminants associated with these sites would be contained and would not affect construction activities. Groundwater contamination has either not been reported or groundwater flows away from the project area.

Introduce New Sources of Hazardous Materials during Construction

The following sections describe impacts related to introducing new sources of hazardous materials on the Applicant's leased area and hazardous materials sites in the study area during construction of the Proposed Action.

Applicant's Leased Area. Construction activities associated with the Proposed Action would be limited to the project area and no activities would occur in the Applicant's leased area outside the limits of disturbance for the project area; however, construction vehicles could move through the Applicant's leased area when traveling to and from the project area. When in transit, vehicles transporting hazardous materials could introduce new sources of hazardous materials to the Applicant's leased area that could pose risks to human health and the environment.

As described above for direct construction impacts, construction of the Proposed Action would involve the routine transport, use, storage, and disposal of hazardous materials such as fuels, solvents, paints, oils, concrete-curing compounds, and grease. Hazardous materials likely to be transported through the Applicant's leased area during construction would be materials typical of construction projects and would generally be used and handled in relatively small quantities (less than 5 gallons). Impacts from releases would likely be localized and short term in nature, although fuel spills could reach and affect the Columbia River. Fuel spills could range from less than 50 gallons up to a worst-case maximum spill from a fuel truck of approximately 4,000

gallons.[5] Any spills that could occur would require the Applicant to report and respond as required by federal, state, and local laws.

The transport of hazardous materials would be compliant with applicable federal, state, and local regulations such as the RCRA, U.S. Department of Transportation Hazardous Materials Regulations, and other regulations identified above under Section 1.2, *Regulatory Setting*. Furthermore, best management practices enforced by appropriate local and state agencies (i.e., Ecology, Longview Fire Department, Cowlitz County Public Works), would further minimize the potential for a spill, release, or explosion, and would ensure a timely cleanup response.

Hazardous Materials Sites in the Study Area. Construction of the Proposed Action would not cause impacts on the five documented hazardous materials sites in the study area that could pose new risks to human health and the environment. Although hazardous materials sites are located in the study area, construction activities would be limited to the boundaries of the project area, and would not affect hazardous materials sites outside of the project area.

3.1.3 Operations: Direct Impacts

The following hazardous materials are expected to be used during normal operations of the Proposed Action and would be stored in the project area.

- Diesel fuel, gasoline, oils, greases, hydraulic fluids, antifreeze/coolants, and solvents used for equipment operation and maintenance.
- Flocculants and antiscalants used for water treatment. Antiscalants could also be used to manage the hardness in the process waters.
- Wastes classified as hazardous and nonhazardous waste.

These materials would be stored on site and all necessary collection and containment measures would be located for immediate response to any spill. The Proposed Action would not include refueling activities for rail or vessels, and no fuel for rail or vessels would be stored on site; therefore, there would be no increased risk of spills associated with refueling activities or storage in the project area. As described in the SEPA Vessel Transportation Technical Report (ICF 2017c), because no bunkering would take place as part of the Proposed Action, there would be no increased risks of oil spills associated with vessel transfers associated with the Proposed Action.

Operation of the Proposed Action would result in the following direct impacts.

Encounter Hazardous Materials during Operations

Operation of the Proposed Action is not expected to encounter hazardous materials in the project area that could pose risks to human health and the environment. Operation of the Proposed Action would occur concurrently with, but would be independent of environmental remediation and monitoring as required in the final cleanup action plan for the former Reynolds facility. The remedial and monitoring activities associated with the former Reynolds facility would be carried out in accordance with all applicable regulations and would be coordinated to avoid contact and exposure to operations personnel and the environment. Furthermore,

[5] The capacity for fuel trucks used during construction and operations is discussed in the SEPA Energy and Natural Resources Technical Report (ICF 2017b).

remedial and monitoring activities associated with the final cleanup action plan would result in bringing previously contaminated soils and groundwater to levels that are protective of human health and the environment, thereby reducing the potential for exposure for sensitive receptors.

Introduce New Sources of Hazardous Materials during Operations

Operations of the Proposed Action could introduce new sources of hazardous materials such as fuel, oil, grease, lubricants, hydraulic fluids, solvents, and acids. Operations would generate small quantities of hazardous waste. Some of these materials can be classified as hazardous; however, these hazardous material products would generally be stored and used in small amounts, and any spills that could occur would likely be short-term with the Applicant reporting and responding as required by local, state, and federal law.

As with construction, the transport, use, storage, and disposal of hazardous materials would be compliant with applicable federal, state, and local regulations such as the RCRA, U.S. Department of Transportation Hazardous Materials Regulations, and other regulations identified in Section 1.2, *Regulatory Setting*. The Applicant would follow regulations governing the storage of hazardous materials and the separation of hazardous materials in designated storage areas. Water quality would be protected from polluted stormwater runoff as a result of the Applicant complying with the requirements of the NPDES Industrial Stormwater Permit.

3.1.4 Operations: Indirect Impacts

Operation of the Proposed Action would result in the following indirect impacts.

As listed in Section 3.1.3, *Operations: Direct Impacts*, several hazardous materials are expected to be used during normal operations of the Proposed Action. These materials would be stored on site and all necessary collection and containment measures would be located in appropriate locations for immediate response to any spill. The Proposed Action would also generate hazardous waste in small quantities.

The increase in rail traffic under the Proposed Action (16 trips per day with four locomotives per train) on the Reynolds Lead, BNSF Spur, and BNSF main line could result in indirect impacts related to hazardous materials, which are described below. Further information is provided in the SEPA Rail Transportation Technical Report (ICF 2017e). Indirect impacts associated with increased vessel traffic are addressed in the SEPA Water Quality Technical Report (ICF 2017d) and the SEPA Vessel Transportation Technical Report (ICF 2017c).

Encounter Hazardous Materials during Operations

The following sections describe potential impacts related to encountering hazardous materials on the Applicant's leased area and hazardous materials sites in the study area during operation of the Proposed Action.

Applicant's Leased Area. Operation of the Proposed Action is not expected to encounter hazardous materials in the Applicant's leased area that could pose risks to human health and the environment. Operations of the Proposed Action would occur within the boundaries of the project area and would not result in impacts on the larger Applicant's leased area. Implementation of the final cleanup action plan for the former Reynolds facility would result in

bringing previously contaminated soils and groundwater to levels that are protective of human health and the environment, thereby reducing the potential for exposure for sensitive receptors.

Hazardous Materials Sites in the Study Area. Operation of the Proposed Action would occur within the boundaries of the project area and therefore is not expected to result in encountering hazardous materials from any of the five hazardous materials sites identified in the study area that could pose risks to human health and the environment (Section 2.2.2, *Hazardous Materials Sites in the Study Areas*).

Introduce New Sources of Hazardous Materials during Operations

The following sections describe impacts related to introducing new sources of hazardous materials on the Applicant's leased area and hazardous materials sites in the study area during operation of the Proposed Action.

Applicant's Leased Area. Operational activities associated with the Proposed Action would be limited to the boundaries of the project area, and no activities would occur within the larger Applicant's leased area. However, vehicles used during operations would move through the Applicant's leased area when traveling to and from the project area. When in transit, vehicles could introduce new sources of hazardous materials to the Applicant's leased area that could pose risks to human health and the environment. Impacts would be similar to those described above for indirect construction impacts in the Applicant's leased area and could include releases of hazardous substances or fuels. Any spills that could occur would likely be short term with the Applicant reporting and responding as required by federal, state, and local laws.

As with construction, the transport of hazardous materials would be compliant with applicable federal, state, and local regulations such as the RCRA, U.S. Department of Transportation Hazardous Materials Regulations, and other regulations identified above under Section 1.2, *Regulatory Setting.* Furthermore, best management practices enforced by appropriate local and state agencies would further minimize the potential for a spill, release, or explosion, and would ensure a timely cleanup response.

Hazardous Materials Sites in the Study Area. Operation of the Proposed Action would not introduce new sources of hazardous materials that could pose risks to human health and the environment to the five documented hazardous materials sites in the study area. Although hazardous materials sites exist in the study area, Proposed Action operations would occur within the boundaries of the project area, and would not affect hazardous materials sites outside of the project area.

Release Hazardous Materials during Day-to-Day Rail Operations

There is the potential for indirect impacts related to the release of hazardous materials during rail operations. Similar to direct impacts, day-to-day rail operations could increase the potential for hazardous materials (e.g., fuel, oil, grease, lubricants, hydraulic fluids) to be released into the environment through leaks and spills from the locomotives and rail cars along the Reynolds Lead, BNSF spur, and BNSF main line. These materials would be used to maintain adequate operations and maintenance of the locomotives and rail cars and would not be the main cargo. Some of these materials can be classified as hazardous. Locomotives and rail cars are assumed to be maintained, and leaks would be avoided by timely repairs by the train and railroad operators, thereby avoiding and minimizing the potential for a leak. Spills of petroleum

hydrocarbons or hazardous materials during day-to-day operations could occur, but the frequency and magnitude of spills cannot be predicted.

Release Hazardous Materials during Collision or Derailment

Fuel spills could occur if any of the trains or rail cars collide or derail. Potential public safety and environmental risks of a fuel spill by collision or derailment would include fires or explosions, wildfires, water contamination, air quality impacts, impacts on tribal treaty resources, and impacts on wildlife, vegetation, and fish. If a release of hazardous materials in the project area were to result from a collision or derailment, emergency response and cleanup measures would be implemented as required by federal and state law, including Washington State regulations under RCW 90.56.

3.2 No-Action Alternative

Under the No-Action Alternative, the Applicant would not construct the Proposed Action, and impacts related to the construction and operation of the Proposed Action would not occur. The Applicant would continue with current and future increased operations in the project area. The Proposed Action project area could be developed for other industrial uses, so long as those uses do not require a permit from the U.S. Army Corps of Engineers (Corps). Other industrial uses could include an expanded bulk product terminal that uses the existing rail line or the existing pier. The Applicant has indicated that, over the long term, it would expand the existing bulk product terminal and develop new facilities to handle more products such as calcine petroleum coke, coal tar pitch, and cement. Other development activities could include demolition of the upland buildings for new industrial uses and new construction or expanded industrial uses that could trigger a new air permit and new NPDES permit.

Because operations of the former Reynolds facility have resulted in cleanup actions throughout the Applicant's leased area, new development or expansion of existing uses could encounter similar impacts during construction and operation as those discussed for the Proposed Action. However, all potential impacts could be minimized through remedial actions carried out in the cleanup action plan and compliance with federal, state, and local regulations as well as implementation of best management practices. Therefore, impacts related to hazardous materials are expected to be similar to the Proposed Action.

Chapter 4
Required Permits and Plans

The Proposed Action would be subject to the following regulations associated with the handling of hazardous materials.

- **National Pollutant Discharge Elimination System Construction Stormwater Permit—Washington State Department of Ecology.** The quality of surface water and groundwater would be protected as a result of the Applicant obtaining and following the NPDES Construction Stormwater Permit issued by Ecology. The permit would require preparation of a construction stormwater pollution prevention plan and implementation of best management practices to avoid and minimize the risk of pollutants entering surface waters and groundwater.

  As part of the NPDES Construction Stormwater Permit, a stormwater pollution prevention plan will be required by Ecology. A stormwater pollution prevention plan is a site-specific, written document that identifies potential sources of stormwater pollution at the construction site; describes practices to reduce pollutants in stormwater discharges from the construction site (reduction of pollutants is often achieved by controlling the volume of stormwater runoff, e.g., taking steps to allow stormwater to infiltrate into the soil); and identifies procedures the operator will implement to comply with the terms and conditions of the NPDES Construction Stormwater Permit.

  The following best management practices identified by the Applicant would likely be conditions of the stormwater pollution prevention plan under this permit.

  - **BMP C153.** Material delivery, storage, and containment would be used to prevent, reduce, or eliminate the discharge of pollutants to the stormwater system or watercourses from material delivery and storage.
    - Storage of hazardous materials on site would be minimized to the extent feasible.
    - Materials would be stored in a designated area, and secondary containment would be installed where needed.
    - Refueling would occur in designated areas with appropriate spill control measures.
  - **BMP C154.** Concrete waste and washout waters would be disposed of either off site or in a designated facility on site designed to contain the waste and washout water.
  - The contractor will apply typical construction best management practices for working over, in, and near water, including checking equipment for leaks and other problems that could result in discharge of petroleum-based products, hydraulic fluid, or other material to the Columbia River.
  - The contractor will inspect fuel hoses, oil or fuel transfer valves, and fittings on a regular basis for drips or leaks in order to prevent spills into the surface water.
  - The contractor will keep, store, handle, and use all fuel and chemicals in a fashion which avoids entry into the water.

- The contractor will have a spill containment kit, including oil-absorbent materials, on site to be used in the event of a spill or if any oil product is observed in the water.

- **National Pollutant Discharge Elimination System Industrial Stormwater Permit—Washington State Department of Ecology.** The quality of surface water and groundwater would be protected as a result of the Applicant obtaining and following the NPDES Industrial Stormwater Permit issued by Ecology. The permit would require the preparation of a stormwater pollution prevention plan and implementation of best management practices to avoid and minimize the risk of pollutants entering surface waters and groundwater.

  As part of the NPDES Industrial Stormwater Permit, a stormwater pollution prevention plan will be required by Ecology. A stormwater pollution prevention plan is a site-specific, written document that identifies potential sources of stormwater pollution from operations; describes practices to reduce pollutants in stormwater discharges (reduction of pollutants is often achieved by controlling the volume of stormwater runoff, e.g., taking steps to allow stormwater to infiltrate into the soil); and identifies procedures the operator will implement to comply with the terms and conditions of an industrial stormwater permit.

  The following best management practices identified by the Applicant would likely be conditions under this permit.

  - **BMP C153.** Material delivery, storage, and containment would be used to prevent, reduce, or eliminate the discharge of pollutants to the stormwater system or watercourses from material delivery and storage.
    - Storage of hazardous materials on site would be minimized to the extent feasible.
    - Materials would be stored in a designated area, and secondary containment would be installed where needed.
    - Refueling would occur in designated areas with appropriate spill control measures.
  - **BMP C154.** Concrete waste and washout waters would be disposed of either off site or in a designated facility on site designed to contain the waste and washout water.
    - The operator will apply typical operational best management practices for activities which take place over, in, and near water, including checking equipment for leaks and other problems that could result in discharge of petroleum-based products, hydraulic fluid, or other material to the Columbia River.
    - The operator will inspect fuel hoses, oil or fuel transfer valves, and fittings on a regular basis for drips or leaks in order to prevent spills into the surface water.
    - The operator will keep, store, handle, and use all fuel and chemicals in a fashion which avoids entry into the water.
    - The operator will have a spill containment kit, including oil-absorbent materials, on site to be used in the event of a spill or if any oil product is observed in the water.

- **Clean Water Act, Section 401 Water Quality Certification—Washington State Department of Ecology.** The Proposed Action would result in the construction and operation of a facility that could discharge into navigable waters and would require a Clean Water Act, Section 401, water quality certification.

The following best management practice identified by the Applicant would likely be a condition under the Section 401 water quality certification.

- Construction contractors and the facility operator conducting in-water and over-water work, including demolition, will be familiar with implementation of best management practices and permit conditions typical of working in the aquatic environment.

Chapter 5
References

5.1 Written References

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5.2 Personal Communications

Long, Season. Environmental Health Specialist, Cowlitz County Health Department. August 26, 2015—email communication.

Appendix A

EDR DataMap Area Study for the Proposed Action

Millennium Bulk Terminals
Longview, WA 98632

Inquiry Number: 4114859.2s
October 24, 2014

EDR DataMap™ Area Study

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
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

TARGET PROPERTY INFORMATION

ADDRESS

LONGVIEW, WA 98632
LONGVIEW, WA 98632

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 LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
RCRA-SQG	RCRA - Small Quantity Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
US MINES	Mines Master Index File
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)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RMP	Risk Management Plans

SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
US AIRS Aerometric Information Retrieval System Facility Subsystem
PRP Potentially Responsible Parties
2020 COR ACTION 2020 Corrective Action Program List
LEAD SMELTERS Lead Smelter Sites
EPA WATCH LIST EPA WATCH LIST
PCB TRANSFORMER PCB Transformer Registration Database
US HIST CDL National Clandestine Laboratory Register
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
FEDERAL FACILITY Federal Facility Site Information listing
COAL ASH DOE Steam-Electric Plant Operation Data
FEMA UST Underground Storage Tank Listing

STATE AND LOCAL RECORDS

OR ECSI Environmental Cleanup Site Information System
OR CRL Confirmed Release List and Inventory
OR SWF/LF Solid Waste Facilities List
WA UIC Underground Injection Wells Listing
OR UIC Underground Injection Control Program Database
WA SWTIRE Solid Waste Tire Facilities
WA SWRCY Recycling Facility List
OR SWRCY Recycling Facility Location Listing
OR HIST LF Old Closed SW Disposal Sites
OR LUST Leaking Underground Storage Tank Database
OR AOCONCERN Columbia Slough
OR UST Underground Storage Tank Database
WA AST Aboveground Storage Tank Locations
OR AST Aboveground Storage Tanks
OR MANIFEST Manifest Information
OR SPILLS Spill Database
OR HAZMAT Hazmat/Incidents
OR ENG CONTROLS Engineering Controls Recorded at ESCI Sites
WA INST CONTROL Institutional Control Site List
OR INST CONTROL Institutional Controls Recorded at ESCI Sites
OR VCP Voluntary Cleanup Program Sites
WA DRYCLEANERS Drycleaner List
OR DRYCLEANERS Drycleaning Facilities
OR BROWNFIELDS Brownfields Projects
WA BROWNFIELDS Brownfields Sites Listing
WA CDL Clandestine Drug Lab Contaminated Site List
OR CDL Uninhabitable Drug Lab Properties
OR NPDES Wastewater Permits Database
OR AIRS Oregon Title V Facility Listing
OR HSIS Hazardous Substance Information Survey
WA HIST CDL List of Sites Contaminated by Clandestine Drug Labs
WA Inactive Drycleaners Inactive Drycleaners
WA COAL ASH Coal Ash Disposal Site Listing
OR COAL ASH Coal Ash Disposal Sites Listing

TRIBAL RECORDS

INDIAN RESERV Indian Reservations
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
INDIAN LUST Leaking Underground Storage Tanks on Indian Land

INDIAN UST ---------- Underground Storage Tanks on Indian Land
INDIAN VCP ---------- Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

EDR MGP ---------- EDR Proprietary Manufactured Gas Plants
EDR US Hist Cleaners ---------- EDR Exclusive Historic Dry Cleaners
WA RGA HWS ---------- Recovered Government Archive State Hazardous Waste Facilities List
WA RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank
WA RGA LF ---------- Recovered Government Archive Solid Waste Facilities List
OR RGA HWS ---------- Recovered Government Archive State Hazardous Waste Facilities List
OR RGA LF ---------- Recovered Government Archive Solid Waste Facilities List
OR RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

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

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

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there are 2 CERC-NFRAP sites within the searched area.

Site	Address	Map ID	Page
CHINOOK VENTURES INC	***4393 INDUSTRIAL WAY***	***4***	***67***
LONGVIEW REDUCTION PLT	***4029 INDUSTRIAL WAY***	***8***	***89***

RCRA-LQG: 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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 RCRA-LQG site within the searched area.

Site	Address	Map ID	Page
LONGVIEW REDUCTION PLT	***4029 INDUSTRIAL WAY***	***8***	***89***

EXECUTIVE SUMMARY

RCRA-CESQG: 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. 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.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 RCRA-CESQG site within the searched area.

Site	Address	Map ID	Page
US DOE BPA LONGVIEW SUBSTATI	*3600 INDUSTRIAL WAY*	*9*	*305*

RCRA NonGen / NLR: 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. 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). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 RCRA NonGen / NLR site within the searched area.

Site	Address	Map ID	Page
LONGVIEW ALUMINUM LLC	*4393 INDUSTRIAL WAY*	*4*	*17*

PADS: The PCB Activity Database identifies generators, transporters, commercial storers and/or brokers and disposers of PCBs who are required to notify the United States Environmental Protection Agency of such activities. The source of this database is the U.S. EPA.

A review of the PADS list, as provided by EDR, and dated 06/01/2013 has revealed that there are 2 PADS sites within the searched area.

Site	Address	Map ID	Page
LONGVIEW ALUMINUM LLC	*4393 INDUSTRIAL WAY*	*4*	*17*
LONGVIEW REDUCTION PLT	*4029 INDUSTRIAL WAY*	*8*	*89*

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 08/16/2014 has revealed that there are 4 FINDS sites within the searched area.

Site	Address	Map ID	Page
CHINOOK VENTURES INC	*4393 INDUSTRIAL WAY*	*4*	*67*
LONGVIEW AUTO WRECKING	*2001 38TH AVE*	*5*	*69*
LONGVIEW REDUCTION PLT	*4029 INDUSTRIAL WAY*	*8*	*89*
US DOE BPA LONGVIEW SUBSTATI	*3600 INDUSTRIAL WAY*	*9*	*305*

RAATS: The RCRA Administration Action Tracking System contains records based on enforcement actions issued under RCRA and pertaining to major violators. It includes administrative and civil actions brought by the United States Environmental Protection Agency. The source of this database is the U.S. EPA.

A review of the RAATS list, as provided by EDR, and dated 04/17/1995 has revealed that there is 1 RAATS site within the searched area.

Site	Address	Map ID	Page
LONGVIEW REDUCTION PLT	*4029 INDUSTRIAL WAY*	*8*	*89*

US FIN ASSUR: All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

A review of the US FIN ASSUR list, as provided by EDR, and dated 09/04/2014 has revealed that there is 1 US FIN ASSUR site within the searched area.

Site	Address	Map ID	Page
LONGVIEW REDUCTION PLT	*4029 INDUSTRIAL WAY*	*8*	*89*

STATE AND LOCAL RECORDS

WA 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 WA CSCSL list, as provided by EDR, and dated 07/21/2014 has revealed that there are 6 WA CSCSL sites within the searched area.

Site	Address	Map ID	Page
SCHILL BROTHERS ASPHALT & PAVI	*4646 MT SOLO RD*	*2*	*6*
MCCALL TRUCKING	*108 BRADFORD PL*	*3*	*16*
LONGVIEW AUTO WRECKING	*2001 38TH AVE*	*5*	*69*
REYNOLDS METALS ALUMINUM SMELT	*4029 INDUSTRIAL WAY*	*8*	*130*
BONNEVILLE POWER ADMIN	*3600 INDUSTRIAL WAY*	*9*	*316*
COWLITZ PUD WEYCO 4 CHEMICAL S	*3535 INDUSTRIAL WAY*	*13*	*327*

EXECUTIVE SUMMARY

Information on facilities and sites of interest to the Department of Ecology.

A review of the WA ALLSITES list, as provided by EDR, and dated 08/06/2014 has revealed that there are 12 WA ALLSITES sites within the searched area.

Site	Address	Map ID	Page
BACKYARD GARDEN PRODUCTS	***4701 MT SOLO RD***	***1***	***4***
MT SOLO RD PIT	***4710 MT SOLO RD***	***1***	***4***
SCHILL BROTHERS ASPHALT & PAVI	***4646 MT SOLO RD***	***2***	***6***
MCCALL TRUCKING	***108 BRADFORD PL***	***3***	***16***
LONGVIEW ALUMINUM LLC	***4393 INDUSTRIAL WAY***	***4***	***20***
LONGVIEW AUTO WRECKING	***2001 38TH AVE***	***5***	***69***
EPSON TOYOCOM LONGVIEW PLANT	***1850 PRUDENTIAL BLVD***	***6***	***81***
REYNOLDS METALS ALUMINUM SMELT	***4029 INDUSTRIAL WAY***	***8***	***130***
BONNEVILLE POWER ADMIN	***3600 INDUSTRIAL WAY***	***9***	***316***
COWLITZ PUD PACIFIC WAY SUBSTA	2288 DIKE RD	10	326
WEYERHAEUSER LONGVIEW WASTE LI		11	326
COWLITZ PUD WEYCO 4 CHEMICAL S	***3535 INDUSTRIAL WAY***	***13***	***327***

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

A review of the WA HSL list, as provided by EDR, and dated 08/27/2014 has revealed that there are 5 WA HSL sites within the searched area.

Site	Address	Map ID	Page
SCHILL BROTHERS ASPHALT & PAVI	***4646 MT SOLO RD***	***2***	***6***
Facility Type: Hazardous Sites List			
LONGVIEW AUTO WRECKING	***2001 38TH AVE***	***5***	***69***
Facility Type: Hazardous Sites List			
REYNOLDS METALS ALUMINUM SMELT	***4029 INDUSTRIAL WAY***	***8***	***130***
Facility Type: Hazardous Sites List			
BONNEVILLE POWER ADMIN	***3600 INDUSTRIAL WAY***	***9***	***316***
Facility Type: Hazardous Sites List			
COWLITZ PUD WEYCO 4 CHEMICAL S	***3535 INDUSTRIAL WAY***	***13***	***327***
Facility Type: Hazardous Sites List			

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

A review of the WA CSCSL NFA list, as provided by EDR, and dated 07/21/2014 has revealed that there is 1 WA CSCSL NFA site within the searched area.

Site	Address	Map ID	Page
LONGVIEW ALUMINUM LLC	***4393 INDUSTRIAL WAY***	***4***	***20***

EXECUTIVE SUMMARY

WA 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 WA SWF/LF list, as provided by EDR, and dated 09/10/2014 has revealed that there are 2 WA SWF/LF sites within the searched area.

Site	Address	Map ID	Page
AMERICAN ASPHALT	4646 MT SOLO ROAD	2	5
REYNOLDS METALS ALUMINUM SMELT	***4029 INDUSTRIAL WAY***	***8***	***130***

WA 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 WA LUST list, as provided by EDR, and dated 08/18/2014 has revealed that there are 2 WA LUST sites within the searched area.

Site	Address	Map ID	Page
REYNOLDS METALS ALUMINUM SMELT	***4029 INDUSTRIAL WAY***	***8***	***130***
BONNEVILLE POWER ADMIN	***3600 INDUSTRIAL WAY***	***9***	***316***

WA 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 WA UST list, as provided by EDR, and dated 09/29/2014 has revealed that there are 4 WA UST sites within the searched area.

Site	Address	Map ID	Page
REYNOLDS METALS COMPANY	4393 INDUSTRIAL WAY PO	4	19
LONGVIEW SUBSTATION	3600 INDUSTRIAL WAY	7	86
LONGVIEW FIRE DEPARTMENT	740 COMMERCE	8	87
LONGVIEW ALUMINUM LLC	4029 INDUSTRIAL WAY	8	89

WA MANIFEST: Hazardous waste manifest information.

A review of the WA MANIFEST list, as provided by EDR, and dated 12/31/2013 has revealed that there are 4 WA MANIFEST sites within the searched area.

Site	Address	Map ID	Page
LONGVIEW ALUMINUM LLC	***4393 INDUSTRIAL WAY***	***4***	***20***
LONGVIEW REDUCTION PLT	***4029 INDUSTRIAL WAY***	***8***	***89***
REYNOLDS METALS ALUMINUM SMELT	***4029 INDUSTRIAL WAY***	***8***	***130***
US DOE BPA LONGVIEW SUBSTATI	***3600 INDUSTRIAL WAY***	***9***	***305***

EXECUTIVE SUMMARY

WA 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 WA SPILLS list, as provided by EDR, and dated 09/15/2014 has revealed that there are 4 WA SPILLS sites within the searched area.

Site	Address	Map ID	Page
BACKYARD GARDEN PRODUCTS	***4701 MT SOLO RD***	***1***	***4***
LONGVIEW REDUCTION PLT	***4029 INDUSTRIAL WAY***	***8***	***89***
REYNOLDS METALS ALUMINUM SMELT	***4029 INDUSTRIAL WAY***	***8***	***130***
BONNEVILLE POWER ADMIN	***3600 INDUSTRIAL WAY***	***9***	***316***

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

A review of the WA VCP list, as provided by EDR, and dated 07/21/2014 has revealed that there is 1 WA VCP site within the searched area.

Site	Address	Map ID	Page
LONGVIEW ALUMINUM LLC	***4393 INDUSTRIAL WAY***	***4***	***20***

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

A review of the WA ICR list, as provided by EDR, and dated 12/01/2002 has revealed that there are 4 WA ICR sites within the searched area.

Site	Address	Map ID	Page
LONGVIEW ALUMINUM LLC	***4393 INDUSTRIAL WAY***	***4***	***20***
REYNOLDS METALS ALUMINUM SMELT	***4029 INDUSTRIAL WAY***	***8***	***130***
BONNEVILLE POWER ADMIN	***3600 INDUSTRIAL WAY***	***9***	***316***
REYNOLDS ALUMINUM DIESEL TANK	REYNOLDS METALS COMPANY	12	327

WA NPDES: A listing of permitted wastewater facilities.

A review of the WA NPDES list, as provided by EDR, and dated 07/21/2014 has revealed that there are 4 WA NPDES sites within the searched area.

Site	Address	Map ID	Page
MT SOLO RD PIT	***4710 MT SOLO RD***	***1***	***4***
LONGVIEW AUTO WRECKING	***2001 38TH AVE***	***5***	***69***
EPSON TOYOCOM LONGVIEW PLANT	***1850 PRUDENTIAL BLVD***	***6***	***81***
REYNOLDS METALS ALUMINUM SMELT	***4029 INDUSTRIAL WAY***	***8***	***130***

EXECUTIVE SUMMARY

WA AIRS: State of Washington, Department of Ecology, Washington Emissions Data System.

A review of the WA AIRS list, as provided by EDR, and dated 12/31/2012 has revealed that there is 1 WA AIRS site within the searched area.

Site	Address	Map ID	Page
LONGVIEW REDUCTION PLT	***4029 INDUSTRIAL WAY***	***8***	***89***

EDR PROPRIETARY RECORDS

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there is 1 EDR US Hist Auto Stat site within the searched area.

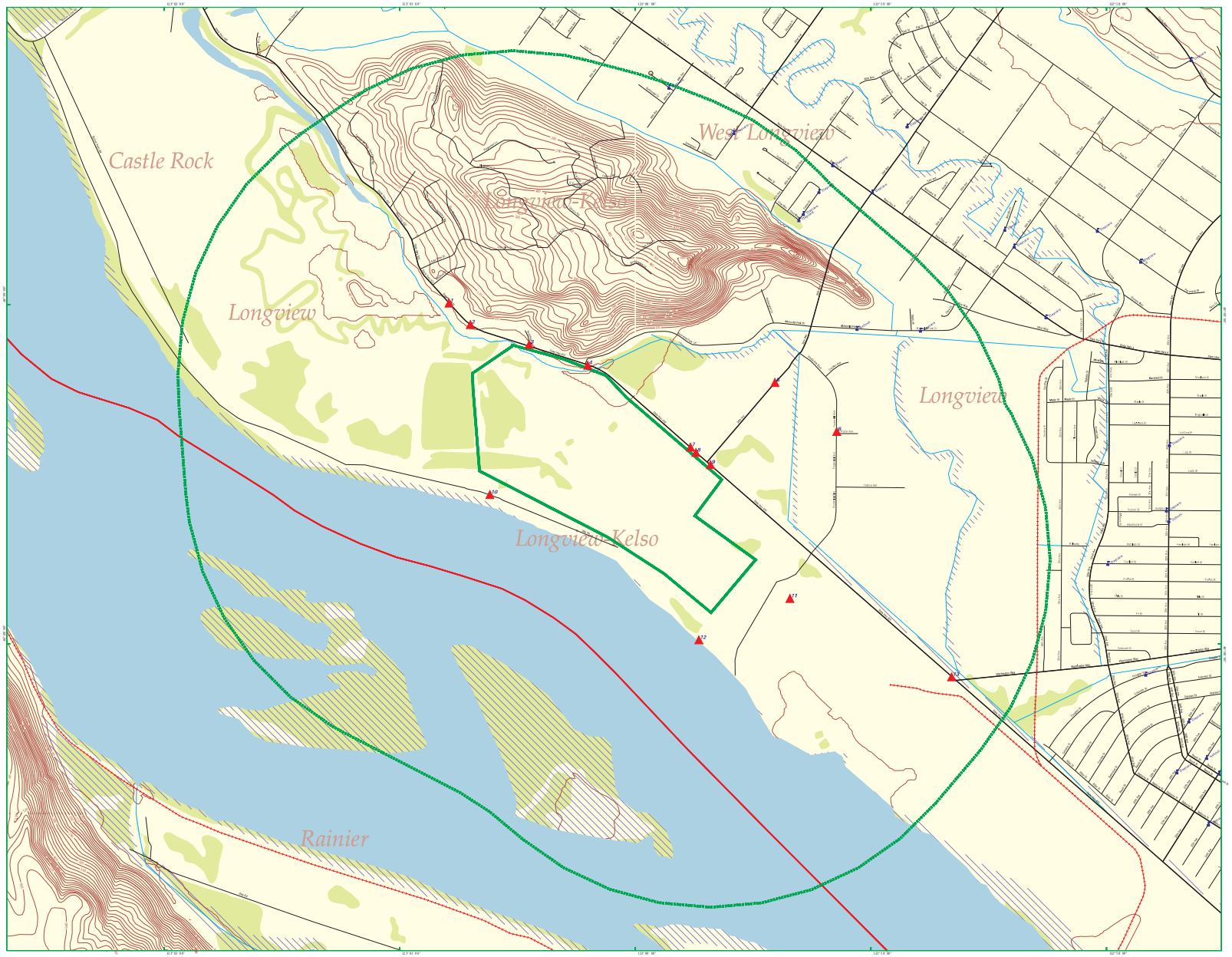
Site	Address	Map ID	Page
Not reported	104 BRADFORD PL	3	15

EXECUTIVE SUMMARY

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

EDR DataMap® Area Study

Millennium Bulk Terminals



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

N



Longview, WA

0 1/4 1/2

Scale in Miles

EDR® Environmental Data Resources Inc

MAP FINDINGS SUMMARY

Database	Total Plotted
FEDERAL RECORDS	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
CERCLIS	0
CERC-NFRAP	2
LIENS 2	0
CORRACTS	0
RCRA-TSDF	0
RCRA-LQG	1
RCRA-SQG	0
RCRA-CESQG	1
RCRA NonGen / NLR	1
US ENG CONTROLS	0
US INST CONTROL	0
ERNS	0
HMIRS	0
DOT OPS	0
US CDL	0
US BROWNFIELDS	0
DOD	0
FUDS	0
LUCIS	0
CONSENT	0
ROD	0
UMTRA	0
DEBRIS REGION 9	0
ODI	0
US MINES	0
TRIS	0
TSCA	0
FTTS	0
HIST FTTS	0
SSTS	0
ICIS	0
PADS	2
MLTS	0
RADINFO	0
FINDS	4
RAATS	1
RMP	0
SCRD DRYCLEANERS	0
US AIRS	0
PRP	0
2020 COR ACTION	0
LEAD SMELTERS	0
EPA WATCH LIST	0
PCB TRANSFORMER	0

MAP FINDINGS SUMMARY

Database	Total Plotted
US HIST CDL	0
COAL ASH EPA	0
FEDERAL FACILITY	0
COAL ASH DOE	0
US FIN ASSUR	1
FEMA UST	0
STATE AND LOCAL RECORDS	
WA CSCSL	6
OR ECSI	0
WA ALLSITES	12
WA HSL	5
OR CRL	0
WA CSCSL NFA	1
WA SWF/LF	2
OR SWF/LF	0
WA UIC	0
OR UIC	0
WA SWTIRE	0
WA SWRCY	0
OR SWRCY	0
OR HIST LF	0
WA LUST	2
OR LUST	0
OR AOCONCERN	0
WA UST	4
OR UST	0
WA AST	0
OR AST	0
WA MANIFEST	4
OR MANIFEST	0
WA SPILLS	4
OR SPILLS	0
OR HAZMAT	0
OR ENG CONTROLS	0
WA INST CONTROL	0
OR INST CONTROL	0
WA VCP	1
WA ICR	4
OR VCP	0
WA DRYCLEANERS	0
OR DRYCLEANERS	0
OR BROWNFIELDS	0
WA BROWNFIELDS	0
WA CDL	0
OR CDL	0
WA NPDES	4
OR NPDES	0
WA AIRS	1
OR AIRS	0

MAP FINDINGS SUMMARY

Database	Total Plotted
OR HSIS	0
WA HIST CDL	0
WA Inactive Drycleaners	0
WA COAL ASH	0
OR COAL ASH	0
TRIBAL RECORDS	
INDIAN RESERV	0
INDIAN ODI	0
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0
EDR PROPRIETARY RECORDS	
EDR MGP	0
EDR US Hist Auto Stat	1
EDR US Hist Cleaners	0
WA RGA HWS	0
WA RGA LUST	0
WA RGA LF	0
OR RGA HWS	0
OR RGA LF	0
OR RGA LUST	0

NOTES:

Sites may be listed in more than one database

1 **BACKYARD GARDEN PRODUCTS** **WA ALLSITES** **S109010749**
4701 MT SOLO RD **WA SPILLS** **N/A**
LONGVIEW, WA 98632

ALLSITES:

Facility Id:	5603
Latitude:	46.150127
Longitude:	-123.02128
Ecology Interest Type Code:	RSVP
Facility ID:	5603
Facility Company:	BACKYARD GARDEN PRODUCTS
Interaction:	A
Interaction 1:	RSVP
Interaction 2:	Revised Site Visit Program
Ecology Program:	HAZWASTE
Program Data:	RSVP
Facility Alt.:	BACKYARD GARDEN PRODUCTS
Program ID:	Not reported
Date Interaction:	7/28/2006 0:00
Date Interaction 3:	Not reported
Facility/Site Interaction T:	78993
Geographic Location Identifier (Alias Facid):	5603
Interaction (Aka Env Int) Type Code:	RSVP
Interaction (Aka Env Int) Description:	Revised Site Visit Program
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	07/28/2006
Interaction End Date:	Not reported
prgm_facil:	BACKYARD GARDEN PRODUCTS
cur_sys_pr:	HAZWASTE
cur_sys_nm:	RSVP

SPILLS:

Facility ID:	603873
Medium:	Not reported
Material Desc:	PETROLEUM - DIESEL FUEL
Material Qty:	Not reported
Material Units:	Not reported
Date Received:	02/19/2008
Contact Name:	SCHILL
Incident Date:	Not reported

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1 **MT SOLO RD PIT** **WA ALLSITES** **S110039908**
4710 MT SOLO RD **WA NPDES** **N/A**
LONGVIEW, WA 98632

ALLSITES:

Facility Id:	18234
Latitude:	46.151387
Longitude:	-123.01309
Ecology Interest Type Code:	SANDGP
Facility ID:	18234
Facility Company:	MT SOLO RD PIT
Interaction:	A
Interaction 1:	SANDGP
Interaction 2:	Sand and Gravel GP
Ecology Program:	WATQUAL

MT SOLO RD PIT (Continued) **S110039908**

Program Data:	PARIS
Facility Alt.:	MT SOLO RD PIT
Program ID:	WAG501112
Date Interaction:	2/15/1995 0:00
Date Interaction 3:	Not reported
Facility/Site Interaction T:	86467
Geographic Location Identifier (Alias Facid):	18234
Interaction (Aka Env Int) Type Code:	SANDGP
Interaction (Aka Env Int) Description:	Sand and Gravel GP
Interaction Status:	A
Federal Program Indentifier:	WAG501112
Interaction Start Date:	02/15/1995
Interaction End Date:	Not reported
prgm_facil:	MT SOLO RD PIT
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

NPDES:

Facility Status:	Active
Facility Type:	Sand and Gravel GP
Admin Region:	Sourhwest
Date Issued:	08/04/2010
Latitude:	46.151387
Longitude:	-123.013090
Permit ID:	WAG501112
Permit Version:	4
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Scott Morrison
WRIA:	Grays-Elochoman
Permit Expiration Date:	10/01/2015
Effective Date:	10/01/2010
Days to Expiration:	391

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2 **AMERICAN ASPHALT** **WA SWF/LF** **S112164766**
4646 MT SOLO ROAD **N/A**
LONGVIEW, WA 98632

SWF/LF:

Facility ID:	3015
Region:	STATE
Permit Status:	EXEMPT
Date Closed:	Not reported
Contact Organization:	AMERICAN ASPHALT & SEAL COATING, LLC
Contact Address1:	330 SHAMROCK ROAD
Contact Address2:	Not reported
Contact City:	LONGVIEW
Contact State:	WA
Contact Postal:	98632
Contact EMail:	SCOTTSCHILL9@MSN.COM
Contact Phone:	360-425-5993
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	Not reported
Operator Name:	SCOTT SCHILL

AMERICAN ASPHALT (Continued) **S112164766**

Operator Organization:	AMERICAN ASPHALT & SEAL COATING, LLC
EMail:	scottschill9@msn.com
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Type:	PILE
Contact Name:	SCOTT SCHILL
Contact Title:	OWNER/OPERATOR
Activity1:	PILE OF INERT WASTE (EXEMPT)

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2 **SCHILL BROTHERS ASPHALT & PAVING** **WA CSCSL** **S104971483**
4646 MT SOLO RD **WA ALLSITES** **N/A**
LONGVIEW, WA 98632 **WA HSL**

CSCSL:

Facility ID:	1085
Region:	Southwest
Lat/Long:	46.152455063 / -123.02171287
Brownfield Status:	Not reported
Rank Status:	1
Clean Up Siteid:	3028
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Base/Neutral/Acid Organics
Ground Water:	Remediated
Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported
Air:	Remediated
Bedrock:	Not reported
Responsible Unit:	Southwest

Facility ID:	1085
Region:	Southwest
Lat/Long:	46.152455063 / -123.02171287
Brownfield Status:	Not reported
Rank Status:	1
Clean Up Siteid:	3028
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Conventional Contaminants, Inorganic
Ground Water:	Remediated
Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported
Air:	Remediated
Bedrock:	Not reported
Responsible Unit:	Southwest

Facility ID:	1085
Region:	Southwest
Lat/Long:	46.152455063 / -123.02171287
Brownfield Status:	Not reported
Rank Status:	1
Clean Up Siteid:	3028
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Conventional Contaminants, Organic
Ground Water:	Remediated

SCHILL BROTHERS ASPHALT & PAVING (Continued) **S104971483**

Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported
Air:	Remediated
Bedrock:	Not reported
Responsible Unit:	Southwest

Facility ID:	1085
Region:	Southwest
Lat/Long:	46.152455063 / -123.02171287
Brownfield Status:	Not reported
Rank Status:	1
Clean Up Siteid:	3028
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Dioxin/Dibenzofuran Compounds
Ground Water:	Remediated
Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported
Air:	Remediated
Bedrock:	Not reported
Responsible Unit:	Southwest

Facility ID:	1085
Region:	Southwest
Lat/Long:	46.152455063 / -123.02171287
Brownfield Status:	Not reported
Rank Status:	1
Clean Up Siteid:	3028
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Metals - Other
Ground Water:	Remediated
Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported
Air:	Remediated
Bedrock:	Not reported
Responsible Unit:	Southwest

Facility ID:	1085
Region:	Southwest
Lat/Long:	46.152455063 / -123.02171287
Brownfield Status:	Not reported
Rank Status:	1
Clean Up Siteid:	3028
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Remediated
Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported
Air:	Remediated
Bedrock:	Not reported
Responsible Unit:	Southwest

SCHILL BROTHERS ASPHALT & PAVING (Continued) **S104971483**

Facility ID:	1085
Region:	Southwest
Lat/Long:	46.152455063 / -123.02171287
Brownfield Status:	Not reported
Rank Status:	1
Clean Up Siteid:	3028
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Level
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Facility ID:	1085
Region:	Southwest
Lat/Long:	46.152455063 / -123.02171287
Brownfield Status:	Not reported
Rank Status:	1
Clean Up Siteid:	3028
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Phenolic Compounds
Ground Water:	Remediated
Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported
Air:	Remediated
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Facility Id:	1085
Latitude:	46.1524550
Longitude:	-123.02171
Ecology Interest Type Code:	SCS
Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	MT SOLO LANDFILL
Program ID:	Not reported
Date Interaction:	3/1/1988 0:00
Date Interaction 3:	8/15/1995 0:00

Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS

SCHILL BROTHERS ASPHALT & PAVING (Continued) **S104971483**

Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported
Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported
Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported
Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported
Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported
Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A

SCHILL BROTHERS ASPHALT & PAVING (Continued) **S104971483**

Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported

Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported

Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported

Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported

Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported

SCHILL BROTHERS ASPHALT & PAVING (Continued) **S104971483**

Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported

Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	MT SOLO LANDFILL
Program ID:	Not reported
Date Interaction:	3/23/2007 0:00
Date Interaction 3:	Not reported

Facility/Site Interaction T:	2043
Geographic Location Identifier (Alias Facid):	1085
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/01/1988
Interaction End Date:	08/15/1995
prgm_facil:	MT SOLO LANDFILL
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2044
Geographic Location Identifier (Alias Facid):	1085
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	08/08/2007
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	SPILLS
cur_sys_nm:	DMS

Facility/Site Interaction T:	2045
Geographic Location Identifier (Alias Facid):	1085
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/23/2007
Interaction End Date:	Not reported
prgm_facil:	MT SOLO LANDFILL

SCHILL BROTHERS ASPHALT & PAVING (Continued) **S104971483**

cur_sys_pr: TOXICS
cur_sys_nm: ISIS

Facility Id: 1085
Latitude: 46.1524550
Longitude: -123.02171
Ecology Interest Type Code: ENFORFNL
Facility ID: 1085
Facility Company: MT SOLO LANDFILL
Interaction: I
Interaction 1: SCS
Interaction 2: State Cleanup Site
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: MT SOLO LANDFILL
Program ID: Not reported
Date Interaction: 3/1/1988 0:00
Date Interaction 3: 8/15/1995 0:00

Facility ID: 1085
Facility Company: MT SOLO LANDFILL
Interaction: A
Interaction 1: ENFORFNL
Interaction 2: Enforcement Final
Ecology Program: SPILLS
Program Data: DMS
Facility Alt.: Not reported
Program ID: Not reported
Date Interaction: 8/8/2007 0:00
Date Interaction 3: Not reported

Facility ID: 1085
Facility Company: MT SOLO LANDFILL
Interaction: A
Interaction 1: ENFORFNL
Interaction 2: Enforcement Final
Ecology Program: SPILLS
Program Data: DMS
Facility Alt.: Not reported
Program ID: Not reported
Date Interaction: 8/8/2007 0:00
Date Interaction 3: Not reported

Facility ID: 1085
Facility Company: MT SOLO LANDFILL
Interaction: A
Interaction 1: ENFORFNL
Interaction 2: Enforcement Final
Ecology Program: SPILLS
Program Data: DMS
Facility Alt.: Not reported
Program ID: Not reported
Date Interaction: 8/8/2007 0:00
Date Interaction 3: Not reported

Facility ID: 1085

SCHILL BROTHERS ASPHALT & PAVING (Continued) **S104971483**

Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported

Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported

Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported

Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported

Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00

SCHILL BROTHERS ASPHALT & PAVING (Continued) **S104971483**

Date Interaction 3:	Not reported
Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported
Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported
Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	SPILLS
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	8/8/2007 0:00
Date Interaction 3:	Not reported
Facility ID:	1085
Facility Company:	MT SOLO LANDFILL
Interaction:	A
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	MT SOLO LANDFILL
Program ID:	Not reported
Date Interaction:	3/23/2007 0:00
Date Interaction 3:	Not reported
Facility/Site Interaction T:	2043
Geographic Location Identifier (Alias Facid):	1085
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/01/1988

SCHILL BROTHERS ASPHALT & PAVING (Continued) **S104971483**

Interaction End Date:	08/15/1995
prgm_facil:	MT SOLO LANDFILL
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2044
Geographic Location Identifier (Alias Facid):	1085
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	08/08/2007
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	SPILLS
cur_sys_nm:	DMS
Facility/Site Interaction T:	2045
Geographic Location Identifier (Alias Facid):	1085
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/23/2007
Interaction End Date:	Not reported
prgm_facil:	MT SOLO LANDFILL
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

HSL:

edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	COWLITZ
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Awaiting Cleanup
FSID Number:	1085
Rank:	1
Region:	SW
EDR Link ID:	1085

---

3 **EDR US Hist Auto Stat** **1015135794**
104 BRADFORD PL **N/A**
LONGVIEW, WA 98632

EDR Historical Auto Stations:

Name:	BOB & KENS AUTO & TRUCK REPAIR
Year:	1999
Address:	104 BRADFORD PL

3 **MCCALL TRUCKING** **WA CSCSL** **S101188559**
108 BRADFORD PL **WA ALLSITES** **N/A**
LONGVIEW, WA 98632

CSCSL:

Facility ID:	1110
Region:	Southwest
Lat/Long:	46.14846 / -123.00753
Brownfield Status:	Not reported
Rank Status:	N
Clean Up Siteid:	2773
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Halogenated Organics
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Facility ID:	1110
Region:	Southwest
Lat/Long:	46.14846 / -123.00753
Brownfield Status:	Not reported
Rank Status:	N
Clean Up Siteid:	2773
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Facility ID:	1110
Region:	Southwest
Lat/Long:	46.14846 / -123.00753
Brownfield Status:	Not reported
Rank Status:	N
Clean Up Siteid:	2773
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Non-Halogenated Solvents
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

Facility ID:	1110
Region:	Southwest
Lat/Long:	46.14846 / -123.00753

MCCALL TRUCKING (Continued) **S101188559**

Brownfield Status:	Not reported
Rank Status:	N
Clean Up Siteid:	2773
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Suspected
Surface Water:	Suspected
Soil:	Confirmed Above Cleanup Level
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Facility Id:	1110
Latitude:	46.14846
Longitude:	-123.00753
Ecology Interest Type Code:	INDPNDNT
Facility ID:	1110
Facility Company:	MCCALL TRUCKING
Interaction:	A
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	MCCALL TRUCKING
Program ID:	Not reported
Date Interaction:	9/23/1994 0:00
Date Interaction 3:	Not reported
Facility/Site Interaction T:	2099
Geographic Location Identifier (Alias Facid):	1110
Interaction (Aka Env Int) Type Code:	INDPNDNT
Interaction (Aka Env Int) Description:	Independent Cleanup
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	09/23/1994
Interaction End Date:	Not reported
prgm_facil:	MCCALL TRUCKING
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

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4 **LONGVIEW ALUMINUM LLC** **RCRA NonGen / NLR** **1015758286**
4393 INDUSTRIAL WAY **PADS** **WAD098297831**
LONGVIEW, WA 98632

RCRA NonGen / NLR:

Date form received by agency:	02/18/2009
Facility name:	LONGVIEW ALUMINUM LLC
Facility address:	4393 INDUSTRIAL WAY LONGVIEW, WA 98632
EPA ID:	WAD098297831
Mailing address:	PO BOX 293 4029 INDUSTRIAL WAY LONGVIEW, WA 98632

LONGVIEW ALUMINUM LLC (Continued) **1015758286**

Contact:	CHINOOK VENTURE CHINOOK VENTURE
Contact address:	PO BOX 293 4029 INDUSTRIAL WAY LONGVIEW, WA 98632
Contact country:	US
Contact telephone:	(000)000-0000
Contact email:	Not reported
EPA Region:	10
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CHINOOK VENTURE C
Owner/operator address:	PO BOX 293 4029 INDUSTRIAL WAY LONGVIEW, WA 98632
Owner/operator country:	US
Owner/operator telephone:	(360)425-2800
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/01/2005
Owner/Op end date:	Not reported

Owner/operator name:	BARRY O
Owner/operator address:	PO BOX 293 4029 INDUSTRIAL WAY LONGVIEW, WA 98632
Owner/operator country:	US
Owner/operator telephone:	(360)425-2800
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/01/2005
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	12/31/2007
Site name:	LONGVIEW ALUMINUM LLC
Classification:	Not a generator, verified

Date form received by agency:	12/31/2003
Site name:	LONGVIEW ALUMINUM LLC
Classification:	Not a generator, verified

LONGVIEW ALUMINUM LLC (Continued) **1015758286**

Date form received by agency: 03/31/1994
Site name: REYNOLDS METALS, CO.
Classification: Large Quantity Generator

Date form received by agency: 09/01/1993
Site name: REYNOLDS METALS CO., ELECTRICA
Classification: Large Quantity Generator

Violation Status: No violations found

PADS:
EPAID: WAD098297831
Facility name: REYNOLDS METALS LONGVIEW PLT
Facility Address: REYNOLDS METALS CO ELEC DIV
LONGVIEW, WA 98632
Facility country: US
Generator: Yes
Storer: No
Transporter: No
Disposer: No
Research facility: No
Smelter: No
Facility owner name: REYNOLDS METALS CO
Contact title: Not reported
Contact name: MACE T R
Contact tel: (206)636-7439
Contact extension: Not reported
Mailing address: PO BOX 1238
LONGVIEW, WA 98632
Mailing country: US
Cert. title: Not reported
Cert. name: Not reported
Cert. date: 03/30/1990
Date received: 05/25/1990

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4 **REYNOLDS METALS COMPANY** **WA UST** **U004040561**
4393 INDUSTRIAL WAY PO BOX 1238 **N/A**
LONGVIEW, WA 98632

UST:
Facility ID: 1089
Site Id: 2452
UBI: Not reported
Phone Number: 2064258302
Decimal Latitude: 46.14147
Decimal Longitude: -122.99635

Tank Name: 1
Tag Number: Not reported
Tank Status: Removed
Tank Status Date: 08/06/1996
Tank Install Date: 00/31/1964
Tank Closure Date: Not reported
Capacity Range: Not reported
Tank Permit Expiration Date: 06/15/1992
Tank Upgrade Date: Not reported
Tank Spill Prevention: Not reported
Tank Overfill Prevention: Not reported

REYNOLDS METALS COMPANY (Continued) **U004040561**

Tank Material:	Steel
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	SOUTHWEST
Dispencer/Pump SFC Type:	Not reported

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4 **LONGVIEW ALUMINUM LLC** **WA ALLSITES** **S103508850**
4393 INDUSTRIAL WAY **WA CSCSL NFA** **N/A**
LONGVIEW, WA 98632 **WA MANIFEST**
WA ICR
WA VCP

ALLSITES:

Facility Id:	1089
Latitude:	46.14147
Longitude:	-122.99635
Ecology Interest Type Code:	HWOTHER
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	Not reported

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	10/3/2002 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	Not reported
Date Interaction:	3/1/1988 0:00
Date Interaction 3:	1/21/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	9/22/1993 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	11/26/1991 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	VOLCLNST
Interaction 2:	Voluntary Cleanup Sites
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	SW0462
Date Interaction:	1/21/2003 0:00
Date Interaction 3:	4/17/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWOTHER

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Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2008 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW ALUMINUM
Program ID:	WA0000396
Date Interaction:	6/27/1985 0:00
Date Interaction 3:	Not reported
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	3/21/2000 0:00
Facility/Site Interaction T:	2048
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	2049
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2050

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Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	10/03/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA

Facility/Site Interaction T:	2051
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/01/1988
Interaction End Date:	01/21/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2052
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1991
Interaction End Date:	09/22/1993
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT

Facility/Site Interaction T:	2053
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	LUST
Interaction (Aka Env Int) Description:	LUST Facility
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	11/26/1991
Interaction End Date:	02/19/2003
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2054
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	03/20/2000
Interaction End Date:	03/21/2000
prgm_facil:	Not reported
cur_sys_pr:	TOXICS

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cur_sys_nm:	ISIS
Facility/Site Interaction T:	2056
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	VOLCLNST
Interaction (Aka Env Int) Description:	Voluntary Cleanup Sites
Interaction Status:	I
Federal Program Indentifier:	SW0462
Interaction Start Date:	01/21/2003
Interaction End Date:	04/17/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2057
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	12/31/2003
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	80916
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000396
Interaction Start Date:	06/27/1985
Interaction End Date:	Not reported
prgm_facil:	LONGVIEW ALUMINUM
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	1089
Latitude:	46.14147
Longitude:	-122.99635
Ecology Interest Type Code:	TIER2
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc

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Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	Not reported

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	10/3/2002 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	Not reported
Date Interaction:	3/1/1988 0:00
Date Interaction 3:	1/21/2003 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	9/22/1993 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	11/26/1991 0:00
Date Interaction 3:	2/19/2003 0:00

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Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	VOLCLNST
Interaction 2:	Voluntary Cleanup Sites
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	SW0462
Date Interaction:	1/21/2003 0:00
Date Interaction 3:	4/17/2003 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2008 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW ALUMINUM
Program ID:	WA0000396
Date Interaction:	6/27/1985 0:00
Date Interaction 3:	Not reported

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	3/21/2000 0:00

Facility/Site Interaction T:	2048
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported

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cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	2049
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2050
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	10/03/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2051
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/01/1988
Interaction End Date:	01/21/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2052
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1991
Interaction End Date:	09/22/1993
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	2053
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	LUST
Interaction (Aka Env Int) Description:	LUST Facility
Interaction Status:	I
Federal Program Indentifier:	2452

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Interaction Start Date:	11/26/1991
Interaction End Date:	02/19/2003
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2054
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	03/20/2000
Interaction End Date:	03/21/2000
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2056
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	VOLCLNST
Interaction (Aka Env Int) Description:	Voluntary Cleanup Sites
Interaction Status:	I
Federal Program Indentifier:	SW0462
Interaction Start Date:	01/21/2003
Interaction End Date:	04/17/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2057
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	12/31/2003
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	80916
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000396
Interaction Start Date:	06/27/1985
Interaction End Date:	Not reported
prgm_facil:	LONGVIEW ALUMINUM
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	1089
Latitude:	46.14147

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Longitude:	-122.99635
Ecology Interest Type Code:	TRI
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	Not reported

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	10/3/2002 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	Not reported
Date Interaction:	3/1/1988 0:00
Date Interaction 3:	1/21/2003 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT

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Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	9/22/1993 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	11/26/1991 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	VOLCLNST
Interaction 2:	Voluntary Cleanup Sites
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	SW0462
Date Interaction:	1/21/2003 0:00
Date Interaction 3:	4/17/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2008 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW ALUMINUM
Program ID:	WA0000396
Date Interaction:	6/27/1985 0:00
Date Interaction 3:	Not reported
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	UST

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Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	3/21/2000 0:00
Facility/Site Interaction T:	2048
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	2049
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2050
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	10/03/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2051
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/01/1988
Interaction End Date:	01/21/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2052

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Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1991
Interaction End Date:	09/22/1993
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT

Facility/Site Interaction T:	2053
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	LUST
Interaction (Aka Env Int) Description:	LUST Facility
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	11/26/1991
Interaction End Date:	02/19/2003
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2054
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	03/20/2000
Interaction End Date:	03/21/2000
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2056
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	VOLCLNST
Interaction (Aka Env Int) Description:	Voluntary Cleanup Sites
Interaction Status:	I
Federal Program Indentifier:	SW0462
Interaction Start Date:	01/21/2003
Interaction End Date:	04/17/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2057
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	12/31/2003
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE

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cur_sys_nm: TURBOWASTE

Facility/Site Interaction T: 80916
Geographic Location Identifier (Alias Facid): 1089
Interaction (Aka Env Int) Type Code: INDUSTIP
Interaction (Aka Env Int) Description: Industrial IP
Interaction Status: A
Federal Program Indentifier: WA0000396
Interaction Start Date: 06/27/1985
Interaction End Date: Not reported
prgm_facil: LONGVIEW ALUMINUM
cur_sys_pr: WATQUAL
cur_sys_nm: PARIS

Facility Id: 1089
Latitude: 46.14147
Longitude: -122.99635
Ecology Interest Type Code: UST
Facility ID: 1089
Facility Company: Chinook Ventures Inc
Interaction: I
Interaction 1: HWG
Interaction 2: Hazardous Waste Generator
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD098297831
Date Interaction: 8/18/1980 0:00
Date Interaction 3: 12/31/2003 0:00

Facility ID: 1089
Facility Company: Chinook Ventures Inc
Interaction: A
Interaction 1: TIER2
Interaction 2: Emergency/Haz Chem Rpt TIER2
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: WAD098297831
Date Interaction: 1/1/1987 0:00
Date Interaction 3: Not reported

Facility ID: 1089
Facility Company: Chinook Ventures Inc
Interaction: I
Interaction 1: TRI
Interaction 2: Toxics Release Inventory
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: WAD098297831
Date Interaction: 1/1/1987 0:00
Date Interaction 3: 10/3/2002 0:00

Facility ID: 1089
Facility Company: Chinook Ventures Inc

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	Not reported
Date Interaction:	3/1/1988 0:00
Date Interaction 3:	1/21/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	9/22/1993 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	11/26/1991 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	VOLCLNST
Interaction 2:	Voluntary Cleanup Sites
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	SW0462
Date Interaction:	1/21/2003 0:00
Date Interaction 3:	4/17/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2008 0:00

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Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW ALUMINUM
Program ID:	WA0000396
Date Interaction:	6/27/1985 0:00
Date Interaction 3:	Not reported

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	3/21/2000 0:00

Facility/Site Interaction T:	2048
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	2049
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA

Facility/Site Interaction T:	2050
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	10/03/2002
prgm_facil:	Not reported

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cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2051
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/01/1988
Interaction End Date:	01/21/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2052
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1991
Interaction End Date:	09/22/1993
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	2053
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	LUST
Interaction (Aka Env Int) Description:	LUST Facility
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	11/26/1991
Interaction End Date:	02/19/2003
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2054
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	03/20/2000
Interaction End Date:	03/21/2000
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2056
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	VOLCLNST
Interaction (Aka Env Int) Description:	Voluntary Cleanup Sites
Interaction Status:	I
Federal Program Indentifier:	SW0462

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Interaction Start Date:	01/21/2003
Interaction End Date:	04/17/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2057
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	12/31/2003
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	80916
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000396
Interaction Start Date:	06/27/1985
Interaction End Date:	Not reported
prgm_facil:	LONGVIEW ALUMINUM
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	1089
Latitude:	46.14147
Longitude:	-122.99635
Ecology Interest Type Code:	HWG

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00

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Date Interaction 3:	Not reported
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	10/3/2002 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	Not reported
Date Interaction:	3/1/1988 0:00
Date Interaction 3:	1/21/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	9/22/1993 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	11/26/1991 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	VOLCLNST
Interaction 2:	Voluntary Cleanup Sites
Ecology Program:	TOXICS
Program Data:	ISIS

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Facility Alt.:	Chinook Ventures Inc
Program ID:	SW0462
Date Interaction:	1/21/2003 0:00
Date Interaction 3:	4/17/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2008 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW ALUMINUM
Program ID:	WA0000396
Date Interaction:	6/27/1985 0:00
Date Interaction 3:	Not reported
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	3/21/2000 0:00
Facility/Site Interaction T:	2048
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	2049
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2

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Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2050
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	10/03/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2051
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/01/1988
Interaction End Date:	01/21/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2052
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1991
Interaction End Date:	09/22/1993
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	2053
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	LUST
Interaction (Aka Env Int) Description:	LUST Facility
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	11/26/1991
Interaction End Date:	02/19/2003
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2054

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Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	03/20/2000
Interaction End Date:	03/21/2000
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2056
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	VOLCLNST
Interaction (Aka Env Int) Description:	Voluntary Cleanup Sites
Interaction Status:	I
Federal Program Indentifier:	SW0462
Interaction Start Date:	01/21/2003
Interaction End Date:	04/17/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2057
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	12/31/2003
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	80916
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000396
Interaction Start Date:	06/27/1985
Interaction End Date:	Not reported
prgm_facil:	LONGVIEW ALUMINUM
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	1089
Latitude:	46.14147
Longitude:	-122.99635
Ecology Interest Type Code:	HWP
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator

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Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	Not reported
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	10/3/2002 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	Not reported
Date Interaction:	3/1/1988 0:00
Date Interaction 3:	1/21/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	9/22/1993 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc

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Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	11/26/1991 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	VOLCLNST
Interaction 2:	Voluntary Cleanup Sites
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	SW0462
Date Interaction:	1/21/2003 0:00
Date Interaction 3:	4/17/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2008 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW ALUMINUM
Program ID:	WA0000396
Date Interaction:	6/27/1985 0:00
Date Interaction 3:	Not reported
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	3/21/2000 0:00

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Facility/Site Interaction T:	2048
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	2049
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA

Facility/Site Interaction T:	2050
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	10/03/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA

Facility/Site Interaction T:	2051
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/01/1988
Interaction End Date:	01/21/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2052
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1991
Interaction End Date:	09/22/1993
prgm_facil:	Not reported

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	2053
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	LUST
Interaction (Aka Env Int) Description:	LUST Facility
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	11/26/1991
Interaction End Date:	02/19/2003
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2054
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	03/20/2000
Interaction End Date:	03/21/2000
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2056
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	VOLCLNST
Interaction (Aka Env Int) Description:	Voluntary Cleanup Sites
Interaction Status:	I
Federal Program Indentifier:	SW0462
Interaction Start Date:	01/21/2003
Interaction End Date:	04/17/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2057
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	12/31/2003
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	80916
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000396

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Interaction Start Date: 06/27/1985
Interaction End Date: Not reported
prgm_facil: LONGVIEW ALUMINUM
cur_sys_pr: WATQUAL
cur_sys_nm: PARIS

Facility Id: 1089
Latitude: 46.14147
Longitude: -122.99635
Ecology Interest Type Code: INDUSTIP
Facility ID: 1089
Facility Company: Chinook Ventures Inc
Interaction: I
Interaction 1: HWG
Interaction 2: Hazardous Waste Generator
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD098297831
Date Interaction: 8/18/1980 0:00
Date Interaction 3: 12/31/2003 0:00

Facility ID: 1089
Facility Company: Chinook Ventures Inc
Interaction: A
Interaction 1: TIER2
Interaction 2: Emergency/Haz Chem Rpt TIER2
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: WAD098297831
Date Interaction: 1/1/1987 0:00
Date Interaction 3: Not reported

Facility ID: 1089
Facility Company: Chinook Ventures Inc
Interaction: I
Interaction 1: TRI
Interaction 2: Toxics Release Inventory
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: WAD098297831
Date Interaction: 1/1/1987 0:00
Date Interaction 3: 10/3/2002 0:00

Facility ID: 1089
Facility Company: Chinook Ventures Inc
Interaction: I
Interaction 1: SCS
Interaction 2: State Cleanup Site
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Chinook Ventures Inc
Program ID: Not reported
Date Interaction: 3/1/1988 0:00

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Date Interaction 3:	1/21/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	9/22/1993 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	11/26/1991 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	VOLCLNST
Interaction 2:	Voluntary Cleanup Sites
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	SW0462
Date Interaction:	1/21/2003 0:00
Date Interaction 3:	4/17/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2008 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Facility Alt.:	LONGVIEW ALUMINUM
Program ID:	WA0000396
Date Interaction:	6/27/1985 0:00
Date Interaction 3:	Not reported
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	3/21/2000 0:00
Facility/Site Interaction T:	2048
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	2049
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2050
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	10/03/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2051
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/01/1988
Interaction End Date:	01/21/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2052
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1991
Interaction End Date:	09/22/1993
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	2053
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	LUST
Interaction (Aka Env Int) Description:	LUST Facility
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	11/26/1991
Interaction End Date:	02/19/2003
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2054
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	03/20/2000
Interaction End Date:	03/21/2000
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2056
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	VOLCLNST
Interaction (Aka Env Int) Description:	Voluntary Cleanup Sites
Interaction Status:	I
Federal Program Indentifier:	SW0462
Interaction Start Date:	01/21/2003
Interaction End Date:	04/17/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2057

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	12/31/2003
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	80916
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000396
Interaction Start Date:	06/27/1985
Interaction End Date:	Not reported
prgm_facil:	LONGVIEW ALUMINUM
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	1089
Latitude:	46.14147
Longitude:	-122.99635
Ecology Interest Type Code:	LUST

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	Not reported

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	10/3/2002 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	Not reported
Date Interaction:	3/1/1988 0:00
Date Interaction 3:	1/21/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	9/22/1993 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	11/26/1991 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	VOLCLNST
Interaction 2:	Voluntary Cleanup Sites
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	SW0462
Date Interaction:	1/21/2003 0:00
Date Interaction 3:	4/17/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2008 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW ALUMINUM
Program ID:	WA0000396
Date Interaction:	6/27/1985 0:00
Date Interaction 3:	Not reported
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	3/21/2000 0:00
Facility/Site Interaction T:	2048
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	2049
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Facility/Site Interaction T:	2050
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	10/03/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA

Facility/Site Interaction T:	2051
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/01/1988
Interaction End Date:	01/21/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2052
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1991
Interaction End Date:	09/22/1993
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT

Facility/Site Interaction T:	2053
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	LUST
Interaction (Aka Env Int) Description:	LUST Facility
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	11/26/1991
Interaction End Date:	02/19/2003
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2054
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	03/20/2000
Interaction End Date:	03/21/2000
prgm_facil:	Not reported

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2056
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	VOLCLNST
Interaction (Aka Env Int) Description:	Voluntary Cleanup Sites
Interaction Status:	I
Federal Program Indentifier:	SW0462
Interaction Start Date:	01/21/2003
Interaction End Date:	04/17/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2057
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	12/31/2003
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	80916
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000396
Interaction Start Date:	06/27/1985
Interaction End Date:	Not reported
prgm_facil:	LONGVIEW ALUMINUM
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	1089
Latitude:	46.14147
Longitude:	-122.99635
Ecology Interest Type Code:	SCS
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00
Facility ID:	1089

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	Not reported

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	10/3/2002 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	Not reported
Date Interaction:	3/1/1988 0:00
Date Interaction 3:	1/21/2003 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	9/22/1993 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	11/26/1991 0:00

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Date Interaction 3:	2/19/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	VOLCLNST
Interaction 2:	Voluntary Cleanup Sites
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	SW0462
Date Interaction:	1/21/2003 0:00
Date Interaction 3:	4/17/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2008 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW ALUMINUM
Program ID:	WA0000396
Date Interaction:	6/27/1985 0:00
Date Interaction 3:	Not reported
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	3/21/2000 0:00
Facility/Site Interaction T:	2048
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	08/18/1980

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	2049
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2050
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	10/03/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2051
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/01/1988
Interaction End Date:	01/21/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2052
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1991
Interaction End Date:	09/22/1993
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	2053
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	LUST
Interaction (Aka Env Int) Description:	LUST Facility

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	11/26/1991
Interaction End Date:	02/19/2003
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2054
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	03/20/2000
Interaction End Date:	03/21/2000
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2056
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	VOLCLNST
Interaction (Aka Env Int) Description:	Voluntary Cleanup Sites
Interaction Status:	I
Federal Program Indentifier:	SW0462
Interaction Start Date:	01/21/2003
Interaction End Date:	04/17/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	2057
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	12/31/2003
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	80916
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000396
Interaction Start Date:	06/27/1985
Interaction End Date:	Not reported
prgm_facil:	LONGVIEW ALUMINUM
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Facility Id:	1089
Latitude:	46.14147
Longitude:	-122.99635
Ecology Interest Type Code:	VOLCLNST
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	Not reported

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1987 0:00
Date Interaction 3:	10/3/2002 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	Not reported
Date Interaction:	3/1/1988 0:00
Date Interaction 3:	1/21/2003 0:00

Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	9/22/1993 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	11/26/1991 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	VOLCLNST
Interaction 2:	Voluntary Cleanup Sites
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Chinook Ventures Inc
Program ID:	SW0462
Date Interaction:	1/21/2003 0:00
Date Interaction 3:	4/17/2003 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD098297831
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2008 0:00
Facility ID:	1089
Facility Company:	Chinook Ventures Inc
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW ALUMINUM
Program ID:	WA0000396
Date Interaction:	6/27/1985 0:00
Date Interaction 3:	Not reported
Facility ID:	1089
Facility Company:	Chinook Ventures Inc

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	2452
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	3/21/2000 0:00
Facility/Site Interaction T:	2048
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	2049
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2050
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1987
Interaction End Date:	10/03/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	2051
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/01/1988
Interaction End Date:	01/21/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Facility/Site Interaction T:	2052
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	01/01/1991
Interaction End Date:	09/22/1993
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT

Facility/Site Interaction T:	2053
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	LUST
Interaction (Aka Env Int) Description:	LUST Facility
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	11/26/1991
Interaction End Date:	02/19/2003
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2054
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	2452
Interaction Start Date:	03/20/2000
Interaction End Date:	03/21/2000
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2056
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	VOLCLNST
Interaction (Aka Env Int) Description:	Voluntary Cleanup Sites
Interaction Status:	I
Federal Program Indentifier:	SW0462
Interaction Start Date:	01/21/2003
Interaction End Date:	04/17/2003
prgm_facil:	Chinook Ventures Inc
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	2057
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	A
Federal Program Indentifier:	WAD098297831
Interaction Start Date:	12/31/2003
Interaction End Date:	Not reported
prgm_facil:	Not reported

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	80916
Geographic Location Identifier (Alias Facid):	1089
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000396
Interaction Start Date:	06/27/1985
Interaction End Date:	Not reported
prgm_facil:	LONGVIEW ALUMINUM
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

CSCSL NFA:

Facility/Site Id:	1089
CS Id:	4983
NFA Date:	04/17/2003
Rank:	Not reported
VCP:	Yes
Latitude:	46.14147
Longitude:	-122.99635

WA MANIFEST:

Facility Site ID Number:	1089
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

EPA ID:	WAD098297831
Facility Address 2:	Not reported
TAX REG NBR:	602456735
NAICS CD:	493110
BUSINESS TYPE:	Warehouse
MAIL NAME:	Chinook Ventures, Inc.
MAIL ADDR LINE1:	PO Box 293
MAIL ADDR LINE2:	4029 Industrial Way
MAIL CITY,ST,ZIP:	Longview, WA 98632
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Chinook Ventures Inc
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO BOX 293
LEGAL ADDR LINE2:	4029 Industrial Way
LEGAL CITY,ST,ZIP:	Longview, WA 98632
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	360 425-2800
LEGAL EFFECTIVE DATE:	12/01/2005
LAND ORG NAME:	Northwest Alloys
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	201 Isabella St
LAND ADDR LINE2:	at 7th St bridge
LAND CITY,ST,ZIP:	PITTSBURGH, PA 15212-5858
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(412) 553-4545
OPERATOR ORG NAME:	Chinook Ventures, Inc.
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 293
OPERATOR ADDR LINE2:	4029 Industrial Way
OPERATOR CITY,ST,ZIP:	Longview, WA 98632-9461
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(360) 425-2800
OPERATOR EFFECTIVE DATE:	12/01/2005
SITE CONTACT NAME:	Barry Oliver
SITE CONTACT ADDR LINE1:	PO BOX 293
SITE CONTACT ADDR LINE2:	4029 Industrial Way
SITE CONTACT ZIP:	Longview, WA 98632-9461
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	360 636-8248
SITE CONTACT EMAIL:	tmace@chinookventures.com
FORM CONTACT NAME:	Tim R Mace
FORM CONTACT ADDR LINE1:	PO BOX 293
FORM CONTACT ADDR LINE2:	4029 Industrial Way
FORM CONTACT CITY,ST,ZIP:	Longview, WA 98632-9461
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	360 425-2800
FORM CONTACT EMAIL:	tmace@chinookventures.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

UW BATTERY GEN:	False	
USED OIL TRANSPORTER:	False	
USED OIL TRANSFER FACLTY:	False	
USED OIL PROCESSOR:	False	
USED OIL REREFINER:	False	
USED OIL FUEL MRKTR DIRECTS SHPMNTS:		False
USED OIL FUEL MRKTR MEETS SPECS:		False
Facility Site ID Number:	1089	
SWC Desc:	Not reported	
FWC Desc:	Not reported	
Form Comm:	Not reported	
Data Year:	2008	
Permit by Rule:	False	
Treatment by Generator:	False	
Mixed radioactive waste:	False	
Importer of hazardous waste:	False	
Immediate recycler:	False	
Treatment/Storage/Disposal/Recycling Facility:		False
Generator of dangerous fuel waste:		False
Generator marketing to burner:		False
"Other marketers (i.e., blender, distributor, etc.)":		False
Utility boiler burner:		False
Industry boiler burner:		False
Industrial Furnace:		False
Smelter defferal:		False
Universal waste - batteries - generate:		False
Universal waste - thermostats - generate:		False
Universal waste - mercury - generate:		False
Universal waste - lamps - generate:		False
Universal waste - batteries - accumulate:		False
Universal waste - thermostats - accumulate:		False
Universal waste - mercury - accumulate:		False
Universal waste - lamps - accumulate:		False
Destination Facility for Universal Waste:		False
Off-specification used oil burner - utility boiler:		False
Off-specification used oil burner - industrial boiler:		False
Off-specification used oil burner - industrial furnace:		False
EPA ID:	WAD098297831	
Facility Address 2:	Not reported	
TAX REG NBR:	602456735	
NAICS CD:	493110	
BUSINESS TYPE:	Warehouse	
MAIL NAME:	Chinook Ventures, Inc.	
MAIL ADDR LINE1:	PO Box 293	
MAIL ADDR LINE2:	4029 Industrial Way	
MAIL CITY,ST,ZIP:	Longview, WA 98632	
MAIL COUNTRY:	UNITED STATES	
LEGAL ORG NAME:	Chinook Ventures Inc	
LEGAL ORG TYPE:	Private	
LEGAL ADDR LINE1:	PO BOX 293	
LEGAL ADDR LINE2:	4029 Industrial Way	
LEGAL CITY,ST,ZIP:	Longview, WA 98632	
LEGAL COUNTRY:	UNITED STATES	
LEGAL PHONE NBR:	360 425-2800	
LEGAL EFFECTIVE DATE:	12/01/2005	
LAND ORG NAME:	Northwest Alloys	

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	201 Isabella St
LAND ADDR LINE2:	at 7th St bridge
LAND CITY,ST,ZIP:	PITTSBURGH, PA 15212-5858
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(412) 553-4545
OPERATOR ORG NAME:	Chinook Ventures, Inc.
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 293
OPERATOR ADDR LINE2:	4029 Industrial Way
OPERATOR CITY,ST,ZIP:	Longview, WA 98632-9461
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(360) 425-2800
OPERATOR EFFECTIVE DATE:	12/01/2005
SITE CONTACT NAME:	Barry Oliver
SITE CONTACT ADDR LINE1:	PO BOX 293
SITE CONTACT ADDR LINE2:	4029 Industrial Way
SITE CONTACT ZIP:	Longview, WA 98632-9461
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	360 636-8248
SITE CONTACT EMAIL:	tmace@chinookventures.com
FORM CONTACT NAME:	Kimberly J Lane
FORM CONTACT ADDR LINE1:	PO BOX 293
FORM CONTACT ADDR LINE2:	4029 Industrial Way
FORM CONTACT CITY,ST,ZIP:	Longview, WA 98632-9461
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	360 425-2800
FORM CONTACT EMAIL:	klane@chinookventures.com
GEN STATUS CD:	XQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

ICR:

Date Ecology Received Report:	12/30/91
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-16
County Code:	8
Contact:	Not reported
Report Title:	Not reported

LONGVIEW ALUMINUM LLC (Continued) **S103508850**

Date Ecology Received Report: 06/23/92
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-27
County Code: 8
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 02/16/93
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-44
County Code: 8
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/11/94
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-23
County Code: 8
Contact: Not reported
Report Title: Not reported

VCP:
edr_fstat: WA
edr_fzip: 98632
edr_fcnty: COWLITZ
edr_zip: Not reported
Facility ID: 1089
VCP Status: Not reported
VCP: Yes
Ecology Status: Not reported
NFA Type: Not reported
Date NFA: 4/17/2003
Rank: Not reported
Cleanup Siteid: 4983

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4 **CHINOOK VENTURES INC** **CERC-NFRAP 1000318271**
4393 INDUSTRIAL WAY **FINDS WAD098297831**
LONGVIEW, WA 98632

CERC-NFRAP:
Site ID: 1000811
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CHINOOK VENTURES INC (Continued) **1000318271**

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: LONGVIEW CABLE PLANT
Alias Address: Not reported
WA

Alias Name: REYNOLDS METAL LONGVIEW CABLE PLANT
Alias Address: Not reported
WA

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /
Date Completed: 06/01/81
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 02/07/86
Date Completed: 02/12/86
Priority Level: Higher priority for further assessment

Action: SITE INSPECTION
Date Started: 11/17/87
Date Completed: 11/25/87
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 11/25/87
Priority Level: Not reported

FINDS:

Registry ID: 110002346827

Environmental Interest/Information System

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

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

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

HAZARDOUS WASTE BIENNIAL REPORTER

CHINOOK VENTURES INC (Continued) **1000318271**

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

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5 **LONGVIEW AUTO WRECKING** **FINDS** **1007077929**
2001 38TH AVE **WA CSCSL** **N/A**
LONGVIEW, WA 98632 **WA ALLSITES**
WA HSL
WA NPDES

FINDS:

Registry ID: 110015546122

Environmental Interest/Information System

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

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

CSCSL:

Facility ID:	5808650
Region:	Southwest
Lat/Long:	46.149028 / -122.9875
Brownfield Status:	Not reported
Rank Status:	1
Clean Up Siteid:	3945
Site Status:	Awaiting Cleanup
PSI?:	Not reported
Contaminant Name:	Petroleum Products-Unspecified
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Level

LONGVIEW AUTO WRECKING (Continued) **1007077929**

Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Southwest

ALLSITES:
Facility Id: 5808650
Latitude: 46.149028
Longitude: -122.9875
Ecology Interest Type Code: SCS

Facility ID: 5808650
Facility Company: LONGVIEW AUTO WRECKING
Interaction: I
Interaction 1: SCS
Interaction 2: State Cleanup Site
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: LONGVIEW AUTO WRECKING
Program ID: Not reported
Date Interaction: 9/24/2003 0:00
Date Interaction 3: 6/3/2004 0:00

Facility ID: 5808650
Facility Company: LONGVIEW AUTO WRECKING
Interaction: I
Interaction 1: INDUSTGP
Interaction 2: Industrial SW GP
Ecology Program: WATQUAL
Program Data: PARIS
Facility Alt.: LONGVIEW AUTO WRECKING
Program ID: SO3004548
Date Interaction: 3/20/2002 0:00
Date Interaction 3: 9/20/2007 0:00

Facility ID: 5808650
Facility Company: LONGVIEW AUTO WRECKING
Interaction: A
Interaction 1: INDUSTGP
Interaction 2: Industrial SW GP
Ecology Program: WATQUAL
Program Data: PARIS
Facility Alt.: LONGVIEW AUTO WRECKING
Program ID: WAR006718
Date Interaction: 4/18/2008 0:00
Date Interaction 3: Not reported

Facility ID: 5808650
Facility Company: LONGVIEW AUTO WRECKING
Interaction: A
Interaction 1: ENFORFNL
Interaction 2: Enforcement Final
Ecology Program: WATQUAL
Program Data: DMS
Facility Alt.: Not reported
Program ID: Not reported
Date Interaction: 1/14/2011 0:00
Date Interaction 3: Not reported

LONGVIEW AUTO WRECKING (Continued) **1007077929**

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported

LONGVIEW AUTO WRECKING (Continued) **1007077929**

Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL

LONGVIEW AUTO WRECKING (Continued) **1007077929**

Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility/Site Interaction T:	17597
Geographic Location Identifier (Alias Facid):	5808650
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	09/24/2003
Interaction End Date:	06/03/2004
prgm_facil:	LONGVIEW AUTO WRECKING
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	81720
Geographic Location Identifier (Alias Facid):	5808650
Interaction (Aka Env Int) Type Code:	INDUSTGP
Interaction (Aka Env Int) Description:	Industrial SW GP
Interaction Status:	I
Federal Program Indentifier:	SO3004548
Interaction Start Date:	03/20/2002
Interaction End Date:	09/20/2007
prgm_facil:	LONGVIEW AUTO WRECKING
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS
Facility/Site Interaction T:	81721
Geographic Location Identifier (Alias Facid):	5808650
Interaction (Aka Env Int) Type Code:	INDUSTGP
Interaction (Aka Env Int) Description:	Industrial SW GP
Interaction Status:	A
Federal Program Indentifier:	WAR006718
Interaction Start Date:	04/18/2008
Interaction End Date:	Not reported
prgm_facil:	LONGVIEW AUTO WRECKING
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	5808650
Latitude:	46.149028
Longitude:	-122.9875
Ecology Interest Type Code:	ENFORFNL
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	LONGVIEW AUTO WRECKING
Program ID:	Not reported
Date Interaction:	9/24/2003 0:00

LONGVIEW AUTO WRECKING (Continued) **1007077929**

Date Interaction 3:	6/3/2004 0:00
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	I
Interaction 1:	INDUSTGP
Interaction 2:	Industrial SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW AUTO WRECKING
Program ID:	SO3004548
Date Interaction:	3/20/2002 0:00
Date Interaction 3:	9/20/2007 0:00
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	INDUSTGP
Interaction 2:	Industrial SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW AUTO WRECKING
Program ID:	WAR006718
Date Interaction:	4/18/2008 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS

LONGVIEW AUTO WRECKING (Continued) **1007077929**

Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL

LONGVIEW AUTO WRECKING (Continued) **1007077929**

Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility/Site Interaction T:	17597
Geographic Location Identifier (Alias Facid):	5808650
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	09/24/2003
Interaction End Date:	06/03/2004
prgm_facil:	LONGVIEW AUTO WRECKING
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	81720

LONGVIEW AUTO WRECKING (Continued) **1007077929**

Geographic Location Identifier (Alias Facid):	5808650
Interaction (Aka Env Int) Type Code:	INDUSTGP
Interaction (Aka Env Int) Description:	Industrial SW GP
Interaction Status:	I
Federal Program Indentifier:	SO3004548
Interaction Start Date:	03/20/2002
Interaction End Date:	09/20/2007
prgm_facil:	LONGVIEW AUTO WRECKING
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility/Site Interaction T:	81721
Geographic Location Identifier (Alias Facid):	5808650
Interaction (Aka Env Int) Type Code:	INDUSTGP
Interaction (Aka Env Int) Description:	Industrial SW GP
Interaction Status:	A
Federal Program Indentifier:	WAR006718
Interaction Start Date:	04/18/2008
Interaction End Date:	Not reported
prgm_facil:	LONGVIEW AUTO WRECKING
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	5808650
Latitude:	46.149028
Longitude:	-122.9875
Ecology Interest Type Code:	INDUSTGP
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	LONGVIEW AUTO WRECKING
Program ID:	Not reported
Date Interaction:	9/24/2003 0:00
Date Interaction 3:	6/3/2004 0:00

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	I
Interaction 1:	INDUSTGP
Interaction 2:	Industrial SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW AUTO WRECKING
Program ID:	SO3004548
Date Interaction:	3/20/2002 0:00
Date Interaction 3:	9/20/2007 0:00

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	INDUSTGP
Interaction 2:	Industrial SW GP

LONGVIEW AUTO WRECKING (Continued) **1007077929**

Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	LONGVIEW AUTO WRECKING
Program ID:	WAR006718
Date Interaction:	4/18/2008 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING

LONGVIEW AUTO WRECKING (Continued) **1007077929**

Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported

LONGVIEW AUTO WRECKING (Continued) **1007077929**

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	5808650
Facility Company:	LONGVIEW AUTO WRECKING
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	WATQUAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/14/2011 0:00
Date Interaction 3:	Not reported

Facility/Site Interaction T:	17597
Geographic Location Identifier (Alias Facid):	5808650
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	09/24/2003
Interaction End Date:	06/03/2004
prgm_facil:	LONGVIEW AUTO WRECKING
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	81720
Geographic Location Identifier (Alias Facid):	5808650
Interaction (Aka Env Int) Type Code:	INDUSTGP
Interaction (Aka Env Int) Description:	Industrial SW GP
Interaction Status:	I
Federal Program Indentifier:	SO3004548
Interaction Start Date:	03/20/2002
Interaction End Date:	09/20/2007
prgm_facil:	LONGVIEW AUTO WRECKING
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility/Site Interaction T:	81721
Geographic Location Identifier (Alias Facid):	5808650
Interaction (Aka Env Int) Type Code:	INDUSTGP
Interaction (Aka Env Int) Description:	Industrial SW GP
Interaction Status:	A
Federal Program Indentifier:	WAR006718
Interaction Start Date:	04/18/2008
Interaction End Date:	Not reported
prgm_facil:	LONGVIEW AUTO WRECKING

LONGVIEW AUTO WRECKING (Continued) **1007077929**

cur_sys_pr: WATQUAL
cur_sys_nm: PARIS

HSL:
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: COWLITZ
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Awaiting Cleanup
FSID Number: 5808650
Rank: 1
Region: SW
EDR Link ID: 5808650

NPDES:
Facility Status: Active
Facility Type: Industrial SW GP
Admin Region: Headqarters
Date Issued: 10/21/2009
Latitude: 46.14902800
Longitude: -122.9875
Permit ID: WAR006718
Permit Version: 2
Permit Status: Active
Permit SubStatus: Coverage Issued
Ecology Contact: Kevin Hancock
WRIA: Grays-Elochoman
Permit Expiration Date: 01/01/2015
Effective Date: 01/01/2010
Days to Expiration: 118

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6 **EPSON TOYOCOM LONGVIEW PLANT** **WA ALLSITES** **S108166561**
1850 PRUDENTIAL BLVD **WA NPDES** **N/A**
LONGVIEW, WA 98632

ALLSITES:
Facility Id: 3682850
Latitude: 46.1477134
Longitude: -122.98939
Ecology Interest Type Code: TIER2
Facility ID: 3682850
Facility Company: EPSON TOYOCOM LONGVIEW PLANT
Interaction: I
Interaction 1: TIER2
Interaction 2: Emergency/Haz Chem Rpt TIER2
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: CRK000059390
Date Interaction: 9/15/2003 0:00
Date Interaction 3: 12/13/2004 0:00

Facility ID: 3682850
Facility Company: EPSON TOYOCOM LONGVIEW PLANT
Interaction: A

EPSON TOYOCOM LONGVIEW PLANT (Continued) **S108166561**

Interaction 1:	INDUSTGP
Interaction 2:	Industrial SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Epson Seattle Longview Plant
Program ID:	WAR004440
Date Interaction:	12/6/2001 0:00
Date Interaction 3:	Not reported
Facility ID:	3682850
Facility Company:	EPSON TOYOCOM LONGVIEW PLANT
Interaction:	A
Interaction 1:	INDUSTPO
Interaction 2:	Industrial to POTW/Private SWD
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	EPSON SEATTLE INC
Program ID:	ST0006185
Date Interaction:	9/1/2002 0:00
Date Interaction 3:	Not reported
Facility/Site Interaction T:	13236
Geographic Location Identifier (Alias Facid):	3682850
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	I
Federal Program Indentifier:	CRK000059390
Interaction Start Date:	09/15/2003
Interaction End Date:	12/13/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	81497
Geographic Location Identifier (Alias Facid):	3682850
Interaction (Aka Env Int) Type Code:	INDUSTGP
Interaction (Aka Env Int) Description:	Industrial SW GP
Interaction Status:	A
Federal Program Indentifier:	WAR004440
Interaction Start Date:	12/06/2001
Interaction End Date:	Not reported
prgm_facil:	EPSON TOYOCOM LONGVIEW PLANT
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS
Facility/Site Interaction T:	81498
Geographic Location Identifier (Alias Facid):	3682850
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	ST0006185
Interaction Start Date:	09/01/2002
Interaction End Date:	Not reported
prgm_facil:	EPSON TOYOCOM SEATTLE INC
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

EPSON TOYOCOM LONGVIEW PLANT (Continued) **S108166561**

Facility Id:	3682850
Latitude:	46.1477134
Longitude:	-122.98939
Ecology Interest Type Code:	INDUSTPO
Facility ID:	3682850
Facility Company:	EPSON TOYOCOM LONGVIEW PLANT
Interaction:	I
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	CRK000059390
Date Interaction:	9/15/2003 0:00
Date Interaction 3:	12/13/2004 0:00

Facility ID:	3682850
Facility Company:	EPSON TOYOCOM LONGVIEW PLANT
Interaction:	A
Interaction 1:	INDUSTGP
Interaction 2:	Industrial SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Epson Seattle Longview Plant
Program ID:	WAR004440
Date Interaction:	12/6/2001 0:00
Date Interaction 3:	Not reported

Facility ID:	3682850
Facility Company:	EPSON TOYOCOM LONGVIEW PLANT
Interaction:	A
Interaction 1:	INDUSTPO
Interaction 2:	Industrial to POTW/Private SWD
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	EPSON SEATTLE INC
Program ID:	ST0006185
Date Interaction:	9/1/2002 0:00
Date Interaction 3:	Not reported

Facility/Site Interaction T:	13236
Geographic Location Identifier (Alias Facid):	3682850
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	I
Federal Program Indentifier:	CRK000059390
Interaction Start Date:	09/15/2003
Interaction End Date:	12/13/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA

Facility/Site Interaction T:	81497
Geographic Location Identifier (Alias Facid):	3682850
Interaction (Aka Env Int) Type Code:	INDUSTGP
Interaction (Aka Env Int) Description:	Industrial SW GP
Interaction Status:	A

EPSON TOYOCOM LONGVIEW PLANT (Continued) **S108166561**

Federal Program Indentifier:	WAR004440
Interaction Start Date:	12/06/2001
Interaction End Date:	Not reported
prgm_facil:	EPSON TOYOCOM LONGVIEW PLANT
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility/Site Interaction T:	81498
Geographic Location Identifier (Alias Facid):	3682850
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	ST0006185
Interaction Start Date:	09/01/2002
Interaction End Date:	Not reported
prgm_facil:	EPSON TOYOCOM SEATTLE INC
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	3682850
Latitude:	46.1477134
Longitude:	-122.98939
Ecology Interest Type Code:	INDUSTGP
Facility ID:	3682850
Facility Company:	EPSON TOYOCOM LONGVIEW PLANT
Interaction:	I
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	CRK000059390
Date Interaction:	9/15/2003 0:00
Date Interaction 3:	12/13/2004 0:00

Facility ID:	3682850
Facility Company:	EPSON TOYOCOM LONGVIEW PLANT
Interaction:	A
Interaction 1:	INDUSTGP
Interaction 2:	Industrial SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Epson Seattle Longview Plant
Program ID:	WAR004440
Date Interaction:	12/6/2001 0:00
Date Interaction 3:	Not reported

Facility ID:	3682850
Facility Company:	EPSON TOYOCOM LONGVIEW PLANT
Interaction:	A
Interaction 1:	INDUSTPO
Interaction 2:	Industrial to POTW/Private SWD
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	EPSON SEATTLE INC
Program ID:	ST0006185

EPSON TOYOCOM LONGVIEW PLANT (Continued) **S108166561**

Date Interaction:	9/1/2002 0:00
Date Interaction 3:	Not reported
Facility/Site Interaction T:	13236
Geographic Location Identifier (Alias Facid):	3682850
Interaction (Aka Env Int) Type Code:	TIER2
Interaction (Aka Env Int) Description:	Emergency/Haz Chem Rpt TIER2
Interaction Status:	I
Federal Program Indentifier:	CRK000059390
Interaction Start Date:	09/15/2003
Interaction End Date:	12/13/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	81497
Geographic Location Identifier (Alias Facid):	3682850
Interaction (Aka Env Int) Type Code:	INDUSTGP
Interaction (Aka Env Int) Description:	Industrial SW GP
Interaction Status:	A
Federal Program Indentifier:	WAR004440
Interaction Start Date:	12/06/2001
Interaction End Date:	Not reported
prgm_facil:	EPSON TOYOCOM LONGVIEW PLANT
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS
Facility/Site Interaction T:	81498
Geographic Location Identifier (Alias Facid):	3682850
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	ST0006185
Interaction Start Date:	09/01/2002
Interaction End Date:	Not reported
prgm_facil:	EPSON TOYOCOM SEATTLE INC
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

NPDES:

Facility Status:	Not reported
Facility Type:	Industrial (IU) to POTW/PRIVATE SWDP IP
Admin Region:	Sourhwest
Date Issued:	01/13/2012
Latitude:	Not reported
Longitude:	Not reported
Permit ID:	ST0006185
Permit Version:	Not reported
Permit Status:	Active
Permit SubStatus:	Not reported
Ecology Contact:	Not reported
WRIA:	Not reported
Permit Expiration Date:	01/31/2017
Effective Date:	02/01/2012
Days to Expiration:	879

EPSON TOYOCOM LONGVIEW PLANT (Continued) **S108166561**

Facility Status:	Active
Facility Type:	Industrial SW GP
Admin Region:	Headqarters
Date Issued:	10/21/2009
Latitude:	46.14788436
Longitude:	-122.988166
Permit ID:	WAR004440
Permit Version:	3
Permit Status:	Active
Permit SubStatus:	Coverage Issued
Ecology Contact:	Kevin Hancock
WRIA:	Grays-Elochoman
Permit Expiration Date:	01/01/2015
Effective Date:	01/01/2010
Days to Expiration:	118

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7 **LONGVIEW SUBSTATION** **WA UST** **U004020999**
3600 INDUSTRIAL WAY **N/A**
LONGVIEW, WA 98362

UST:

Facility ID:	51229354
Site Id:	2845
UBI:	Not reported
Phone Number:	5032304565
Decimal Latitude:	46.14015597
Decimal Longitude:	-122.993321

Tank Name:	G-1023
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	00/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	09/10/1992
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Steel
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	SOUTHWEST
Dispencer/Pump SFC Type:	Not reported

Tank Name:	T-105
Tag Number:	Not reported

LONGVIEW SUBSTATION (Continued) **U004020999**

Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	00/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	09/10/1992
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Fiberglass
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	SOUTHWEST
Dispencer/Pump SFC Type:	Not reported

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8 **LONGVIEW FIRE DEPARTMENT** **WA UST** **U003353150**
740 COMMERCE **N/A**
LONGVIEW, WA 98632

UST:

Facility ID:	1104
Site Id:	7951
UBI:	Not reported
Phone Number:	2065773337
Decimal Latitude:	46.12676
Decimal Longitude:	-122.93836
Tank Name:	#11A
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	00/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported

LONGVIEW FIRE DEPARTMENT (Continued) **U003353150**

Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	SOUTHWEST
Dispencer/Pump SFC Type:	Not reported

Tank Name:	#11B
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	00/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	Not reported
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Steel
Tank Construction:	Single Wall Tank
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported
Pipe Corrosion Protection:	Not reported
Pipe Pumping System:	Not reported
Responsible Unit:	SOUTHWEST
Dispencer/Pump SFC Type:	Not reported

Tank Name:	#12
Tag Number:	Not reported
Tank Status:	Removed
Tank Status Date:	08/06/1996
Tank Install Date:	00/31/1964
Tank Closure Date:	Not reported
Capacity Range:	Not reported
Tank Permit Expiration Date:	06/15/1992
Tank Upgrade Date:	Not reported
Tank Spill Prevention:	Not reported
Tank Overfill Prevention:	Not reported
Tank Material:	Not reported
Tank Construction:	Not reported
Tank Tightness Test:	Not reported
Tank Corrosion Protection:	Not reported
Tank Manifold:	Not reported
Tank Release Detection:	Not reported
Tank SFC Type:	Not reported
Pipe Material:	Not reported
Pipe Construction:	Not reported
Pipe Primary Release Detection:	Not reported
Pipe Second Release Detection:	Not reported

LONGVIEW FIRE DEPARTMENT (Continued) **U003353150**

Pipe Corrosion Protection: Not reported
Pipe Pumping System: Not reported
Responsible Unit: SOUTHWEST
Dispencer/Pump SFC Type: Not reported

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8 **LONGVIEW ALUMINUM LLC** **WA UST** **U004040823**
4029 INDUSTRIAL WAY **N/A**
LONGVIEW, WA 98632

UST:
Facility ID: 29
Site Id: 11040
UBI: 6020872850010001
Phone Number: 3122634141
Decimal Latitude: 46.14146
Decimal Longitude: -122.99635

Tank Name: 1
Tag Number: A4145
Tank Status: Removed
Tank Status Date: 04/08/2004
Tank Install Date: 00/08/1986
Tank Closure Date: 11/10/2004
Capacity Range: 10,000 to 19,999 Gallons
Tank Permit Expiration Date: 12/31/2004
Tank Upgrade Date: 11/09/1998
Tank Spill Prevention: Spill Bucket/Spill Box
Tank Overfill Prevention: Overfill Alarm
Tank Material: Dielectric Coated Steel
Tank Construction: Double Wall Tank
Tank Tightness Test: Annual
Tank Corrosion Protection: Sacrificial Anode
Tank Manifold: Not reported
Tank Release Detection: Interstitial Monitoring
Tank SFC Type: Not reported
Pipe Material: Coated Steel
Pipe Construction: Double Wall Pipe
Pipe Primary Release Detection: Interstitial Monitoring (or Sump Sensor)
Pipe Second Release Detection: Not reported
Pipe Corrosion Protection: Sacrificial Anode
Pipe Pumping System: Not reported
Responsible Unit: SOUTHWEST
Dispencer/Pump SFC Type: Not reported

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8 **LONGVIEW REDUCTION PLT** **CERC-NFRAP** **1000318269**
4029 INDUSTRIAL WAY **RCRA-LQG** **WAD057068561**
LONGVIEW, WA 98632 **PADS**
FINDS
RAATS
WA MANIFEST
WA SPILLS
WA AIRS
US FIN ASSUR

CERC-NFRAP:
Site ID: 1000752

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: LONGVIEW REDUCTION PLANT
Alias Address: Not reported
WA

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /
Date Completed: 07/01/79
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 06/17/88
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 06/17/88
Date Completed: 06/17/88
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: PRELIMINARY ASSESSMENT
Date Started: 12/31/87
Date Completed: 12/31/87
Priority Level: Low priority for further assessment

RCRA-LQG:
Date form received by agency: 02/28/2012
Facility name: MILLENNIUM BULK TERMINALS LONGVIEW LLC
Facility address: 4029 INDUSTRIAL WAY
LONGVIEW, WA 98632
EPA ID: WAD057068561
Mailing address: PO BOX 2098
LONGVIEW, WA 98632
Contact: KRISTIN GAINES
Contact address: PO BOX 2098
LONGVIEW, WA 98632
Contact country: US
Contact telephone: 360 4252800
Contact email: K.GAINES@MILLENNIUMBULK.COM
EPA Region: 10
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting

LONGVIEW REDUCTION PLT (Continued) **1000318269**

from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	MILLENNIUM BULK TERMINAL LONGVIEW LLC
Owner/operator address:	PO BOX 2098
	LONGVIEW, 98632
Owner/operator country:	US
Owner/operator telephone:	360-425-2800
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/11/2011
Owner/Op end date:	Not reported

Owner/operator name:	CHINOOK VENTURE C
Owner/operator address:	PO BOX 293
	LONGVIEW, WA 98632
Owner/operator country:	US
Owner/operator telephone:	(360)425-2800
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/01/2004
Owner/Op end date:	Not reported

Owner/operator name:	MILLENNIUM BULK TERMINAL LONGVIEW LLC
Owner/operator address:	PO BOX 2098
	LONGVIEW, 98632
Owner/operator country:	US
Owner/operator telephone:	360 425-2800
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/11/2011
Owner/Op end date:	Not reported

Owner/operator name:	BARRY O
Owner/operator address:	PO BOX 293
	LONGVIEW, WA 98632
Owner/operator country:	US
Owner/operator telephone:	(360)425-2800
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/01/2004
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No

LONGVIEW REDUCTION PLT (Continued) **1000318269**

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/15/2011
Site name: CHINOOK VENTURES INC.
Classification: Not a generator, verified

Date form received by agency: 02/24/2010
Site name: CHINOOK VENTURES INC.
Classification: Large Quantity Generator

Date form received by agency: 12/31/2007
Site name: CHINOOK VENTURES INC.
Classification: Large Quantity Generator

Date form received by agency: 12/31/2005
Site name: CHINOOK VENTURES INC.
Classification: Large Quantity Generator

Date form received by agency: 12/31/2003
Site name: LONGVIEW ALUMINUM LLC
Classification: Not a generator, verified

Date form received by agency: 02/28/2002
Site name: LONGVIEW ALUMINUM LLC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2000
Site name: LONGVIEW ALUMINUM LLC
Classification: Large Quantity Generator

Date form received by agency: 03/03/1998
Site name: REYNOLDS METALS LONGVIEW
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Site name: REYNOLDS METALS CO-LONGVIEW REDUCTION PL
Classification: Large Quantity Generator

Date form received by agency: 02/25/1994
Site name: REYNOLDS METALS CO
Classification: Large Quantity Generator

Date form received by agency: 09/01/1993
Site name: REYNOLDS METALS COMPANY
Classification: Large Quantity Generator

Date form received by agency: 12/31/1990
Site name: REYNOLDS METALS COMPANY
Classification: Small Quantity Generator

Hazardous Waste Summary:

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D004
Waste name: ARSENIC

Waste code: D005
Waste name: BARIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: WP03
Waste name: Washington State Extremely Hazardous Persistent Waste containing Polycyclic Aromatic Hydrocarbons (PAH) at a total concentration level

LONGVIEW REDUCTION PLT (Continued) **1000318269**

of Greater than 1.0%.

Waste code: WT01
Waste name: Washington State Extremely Hazardous Toxic Waste with a toxic constituents concentration greater than or equal to 1.0%, determined by biological testing methods or a book designation procedure.

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 3763.6

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 13500

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 14000

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 6000

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 20000

Waste code: D008
Waste name: LEAD
Amount (Lbs): 5693.6

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 5

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS

LONGVIEW REDUCTION PLT (Continued) **1000318269**

CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Amount (Lbs): 550

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 550

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD IS-Closure/Post-Closure
Date violation determined: 04/06/2010
Date achieved compliance: 09/13/2011
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/08/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Landfill Standards
Date violation determined: 04/06/2010
Date achieved compliance: 11/17/2011
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/08/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Closure/Post-Closure
Date violation determined: 04/06/2010
Date achieved compliance: 03/31/2011
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/08/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Closure/Post-Closure
Date violation determined: 04/06/2010
Date achieved compliance: 01/05/2012
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/08/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - -640(6)
Area of violation: Generators - General
Date violation determined: 06/15/1993
Date achieved compliance: 06/15/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - -180
Area of violation: Generators - Records/Reporting
Date violation determined: 06/15/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - -200(2)(C)
Area of violation: Generators - Pre-transport
Date violation determined: 06/15/1993
Date achieved compliance: 10/01/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - -200(2)(C)
Area of violation: Generators - Pre-transport
Date violation determined: 06/15/1993
Date achieved compliance: 10/01/1993
Violation lead agency: State
Enforcement action: VERBAL INFORMAL
Enforcement action date: 06/15/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - -640(6)
Area of violation: Generators - General
Date violation determined: 06/15/1993
Date achieved compliance: 06/15/1993
Violation lead agency: State
Enforcement action: VERBAL INFORMAL
Enforcement action date: 06/15/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - -180
Area of violation: Generators - Records/Reporting
Date violation determined: 06/15/1993
Date achieved compliance: 08/20/1993
Violation lead agency: State
Enforcement action: VERBAL INFORMAL
Enforcement action date: 06/15/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 08/02/1991
Date achieved compliance: 08/31/1994
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/06/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 110875
Final penalty amount: Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Paid penalty amount: Not reported

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 08/02/1991
Date achieved compliance: 08/31/1994
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 09/13/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 110875
Final penalty amount: 22500
Paid penalty amount: 11250

Regulation violated: FR - 262.34
Area of violation: Generators - General
Date violation determined: 08/02/1991
Date achieved compliance: 08/31/1994
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/06/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 110875
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 08/02/1991
Date achieved compliance: 08/31/1994
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 09/13/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 110875
Final penalty amount: 22500
Paid penalty amount: 11250

Regulation violated: FR - 268.7
Area of violation: LDR - General
Date violation determined: 08/02/1991
Date achieved compliance: 08/31/1994
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/06/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 110875
Final penalty amount: Not reported
Paid penalty amount: Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Regulation violated: FR - 262.20(a)
Area of violation: Generators - Manifest
Date violation determined: 08/02/1991
Date achieved compliance: 08/31/1994
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 09/13/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 110875
Final penalty amount: 22500
Paid penalty amount: 11250

Regulation violated: FR - 262.20(a)
Area of violation: Generators - Manifest
Date violation determined: 08/02/1991
Date achieved compliance: 08/31/1994
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/06/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 110875
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34
Area of violation: Generators - General
Date violation determined: 08/02/1991
Date achieved compliance: 08/31/1994
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 09/13/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 110875
Final penalty amount: 22500
Paid penalty amount: 11250

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/20/1985
Date achieved compliance: 07/04/1994
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Area of violation: Generators - General
Date violation determined: 08/08/1984
Date achieved compliance: 07/04/1994
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/08/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1000
Final penalty amount: 1000
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/26/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/05/2013
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/31/2011
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/02/2011
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/06/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Closure/Post-Closure
Date achieved compliance: 01/05/2012
Evaluation lead agency: State

Evaluation date: 04/06/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Landfill Standards
Date achieved compliance: 11/17/2011
Evaluation lead agency: State

Evaluation date: 04/06/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Closure/Post-Closure
Date achieved compliance: 03/31/2011
Evaluation lead agency: State

Evaluation date: 04/06/2010

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Closure/Post-Closure
Date achieved compliance: 09/13/2011
Evaluation lead agency: State

Evaluation date: 11/23/2009
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/15/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 09/15/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/09/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/30/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/26/1996
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 06/15/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/15/1993
Evaluation lead agency: State

Evaluation date: 06/15/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/01/1993
Evaluation lead agency: State

Evaluation date: 06/15/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/20/1993

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Evaluation lead agency: State

Evaluation date: 08/02/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 08/31/1994
Evaluation lead agency: EPA

Evaluation date: 08/02/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/31/1994
Evaluation lead agency: EPA

Evaluation date: 08/02/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/31/1994
Evaluation lead agency: EPA

Evaluation date: 06/20/1985
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/20/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/04/1994
Evaluation lead agency: State

Evaluation date: 05/13/1985
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/08/1984
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 07/04/1994
Evaluation lead agency: State

PADS:
EPAID: WAD057068561
Facility name: LONGVIEW REDUCTION PLT
Facility Address: 4029 INDUSTRIAL WAY
LONGVIEW, WA 98632
Facility country: US
Generator: Yes
Storer: No
Transporter: No
Disposer: No
Research facility: No
Smelter: No
Facility owner name: REYNOLDS METALS INC
Contact title: Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Contact name: DICKEY T D
Contact tel: (206)636-8203
Contact extension: Not reported
Mailing address: PO BOX 999
LONGVIEW, WA 98632
Mailing country: US
Cert. title: Not reported
Cert. name: Not reported
Cert. date: 03/21/1990
Date received: 04/20/1990

FINDS:

Registry ID: 110000490889

Environmental Interest/Information System

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

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

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

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

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United

LONGVIEW REDUCTION PLT (Continued) **1000318269**

States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

HAZARDOUS WASTE BIENNIAL REPORTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

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

Registry ID: 110059660585

Environmental Interest/Information System

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

WA MANIFEST:

Facility Site ID Number:	29
SWC Desc:	WP03, WT01
FWC Desc:	K088
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD057068561
Facility Address 2:	Not reported
TAX REG NBR:	602456735
NAICS CD:	493110
BUSINESS TYPE:	warehousing
MAIL NAME:	Chinook Ventures
MAIL ADDR LINE1:	PO Box 293
MAIL CITY,ST,ZIP:	LONGVIEW, WA 98632
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Chinook Ventures
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 293
LEGAL CITY,ST,ZIP:	LONGVIEW, WA 98632
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	360-425-2800
LEGAL EFFECTIVE DATE:	12/01/2004
LAND ORG NAME:	Northwest Alloys
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	201 Isabella St
LAND CITY,ST,ZIP:	PITTSBURGH, PA 15212-5858
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(412)553-4545
OPERATOR ORG NAME:	Chinook Ventures Inc.
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 293
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	360 636-8248
OPERATOR EFFECTIVE DATE:	12/01/2004
SITE CONTACT NAME:	Barry Oliver
SITE CONTACT ADDR LINE1:	PO Box 293
SITE CONTACT ZIP:	Longview, WA 98632
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	360 636-8248
SITE CONTACT EMAIL:	info@chinookventures.com
FORM CONTACT NAME:	Barry Oliver
FORM CONTACT ADDR LINE1:	PO Box 293
FORM CONTACT CITY,ST,ZIP:	Longview, WA 98632
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	360 636-8248
FORM CONTACT EMAIL:	info@chinookventures.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False

LONGVIEW REDUCTION PLT (Continued) **1000318269**

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

Facility Site ID Number:	29
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2008
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD057068561
Facility Address 2:	Not reported
TAX REG NBR:	602456735
NAICS CD:	493110
BUSINESS TYPE:	warehousing
MAIL NAME:	Chinook Ventures
MAIL ADDR LINE1:	PO Box 293
MAIL CITY,ST,ZIP:	LONGVIEW, WA 98632
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Chinook Ventures
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 293
LEGAL CITY,ST,ZIP:	LONGVIEW, WA 98632
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	360-425-2800
LEGAL EFFECTIVE DATE:	12/01/2004

LONGVIEW REDUCTION PLT (Continued) **1000318269**

LAND ORG NAME:	Northwest Alloys
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	201 Isabella St
LAND CITY,ST,ZIP:	PITTSBURGH, PA 15212-5858
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(412)553-4545
OPERATOR ORG NAME:	Chinook Ventures Inc.
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 293
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	360 636-8248
OPERATOR EFFECTIVE DATE:	12/01/2004
SITE CONTACT NAME:	Barry Oliver
SITE CONTACT ADDR LINE1:	PO Box 293
SITE CONTACT ZIP:	Longview, WA 98632
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	360 636-8248
SITE CONTACT EMAIL:	info@chinookventures.com
FORM CONTACT NAME:	Barry Oliver
FORM CONTACT ADDR LINE1:	PO Box 293
FORM CONTACT CITY,ST,ZIP:	Longview, WA 98632
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	360 636-8248
FORM CONTACT EMAIL:	info@chinookventures.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	True
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	29
SWC Desc:	WT02 WT01 WP01WT01, WP03
FWC Desc:	K088 D001 D002 D008K088, D002
Form Comm:	Not reported
Data Year:	Not reported
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

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Utility boiler burner:	No
Industry boiler burner:	No
Industrial Furnace:	No
Smelter defferal:	No
Universal waste - batteries - generate:	No
Universal waste - thermostats - generate:	No
Universal waste - mercury - generate:	No
Universal waste - lamps - generate:	No
Universal waste - batteries - accumulate:	No
Universal waste - thermostats - accumulate:	No
Universal waste - mercury - accumulate:	No
Universal waste - lamps - accumulate:	No
Destination Facility for Universal Waste:	No
Off-specification used oil burner - utility boiler:	No
Off-specification used oil burner - industrial boiler:	No
Off-specification used oil burner - industrial furnace:	No
EPA ID:	WAD057068561
Facility Address 2:	Not reported
TAX REG NBR:	602456735
NAICS CD:	493110
BUSINESS TYPE:	warehousing
MAIL NAME:	Chinook Ventures
MAIL ADDR LINE1:	PO Box 293
MAIL CITY,ST,ZIP:	LONGVIEW, WA 98632
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Longview Aluminum LLC
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 2484
LEGAL CITY,ST,ZIP:	LONGVIEW, WA 98632
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	360-636-8244
LEGAL EFFECTIVE DATE:	02/27/2001
LAND ORG NAME:	Reynolds Metals Company
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	Alcoa Corporate Center
LAND ADDR LINE2:	201 Isabella St
LAND CITY,ST,ZIP:	PITTSBURGH, PA 15212-5858
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(412)553-4545
OPERATOR ORG NAME:	Chinook Ventures Inc.
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 293
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	360 636-8248
OPERATOR EFFECTIVE DATE:	12/01/2004
SITE CONTACT NAME:	Barry Oliver
SITE CONTACT ADDR LINE1:	PO Box 293
SITE CONTACT ZIP:	Longview, WA 98632
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	360 636-8248
SITE CONTACT EMAIL:	info@chinookventures.com
FORM CONTACT NAME:	Barry Oliver
FORM CONTACT ADDR LINE1:	PO Box 293
FORM CONTACT CITY,ST,ZIP:	Longview, WA 98632
FORM CONTACT COUNTRY:	UNITED STATES

LONGVIEW REDUCTION PLT (Continued) **1000318269**

FORM CONTACT PHONE NBR:	360 636-8248
FORM CONTACT EMAIL:	info@chinookventures.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	Yes
BATCH GENERATION:	No
ONE TIME GENERATION:	No
TRANSPORTS OWN WASTE:	No
TRANSPORTS OTHRS WASTE:	No
RECYCLER ONSITE:	No
TRANSFER FACILITY:	No
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	No
USED OIL TRANSPORTER:	No
USED OIL TRANSFER FACLTY:	No
USED OIL PROCESSOR:	No
USED OIL REREFINER:	No
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	No
USED OIL FUEL MRKTR MEETS SPECS:	No

Facility Site ID Number:	29
SWC Desc:	WT02 WT01 WP01WT01, WP03
FWC Desc:	K088 D001 D002 D008K088, D002
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE
Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WAD057068561
Facility Address 2:	Not reported
TAX REG NBR:	602456735
NAICS CD:	493110
BUSINESS TYPE:	warehousing
MAIL NAME:	Chinook Ventures
MAIL ADDR LINE1:	PO Box 293
MAIL CITY,ST,ZIP:	LONGVIEW, WA 98632

LONGVIEW REDUCTION PLT (Continued) **1000318269**

MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Longview Aluminum LLC
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 293
LEGAL CITY,ST,ZIP:	LONGVIEW, WA 98632
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	360-636-8244
LEGAL EFFECTIVE DATE:	02/01/2001
LAND ORG NAME:	Reynolds Metals Company
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	Alcoa Corporate Center
LAND ADDR LINE2:	201 Isabella St
LAND CITY,ST,ZIP:	PITTSBURGH, PA 15212-5858
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(412)553-4545
OPERATOR ORG NAME:	Chinook Ventures Inc.
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 293
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	360 636-8248
OPERATOR EFFECTIVE DATE:	12/01/2004
SITE CONTACT NAME:	Barry Oliver
SITE CONTACT ADDR LINE1:	PO Box 293
SITE CONTACT ZIP:	Longview, WA 98632
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	360 636-8248
SITE CONTACT EMAIL:	info@chinookventures.com
FORM CONTACT NAME:	Barry Oliver
FORM CONTACT ADDR LINE1:	PO Box 293
FORM CONTACT CITY,ST,ZIP:	Longview, WA 98632
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	360 636-8248
FORM CONTACT EMAIL:	info@chinookventures.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	TRUE
BATCH GENERATION:	FALSE
ONE TIME GENERATION:	FALSE
TRANSPORTS OWN WASTE:	FALSE
TRANSPORTS OTHRS WASTE:	FALSE
RECYCLER ONSITE:	FALSE
TRANSFER FACILITY:	FALSE
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	FALSE
USED OIL TRANSPORTER:	FALSE
USED OIL TRANSFER FACLTY:	FALSE
USED OIL PROCESSOR:	FALSE
USED OIL REREFINER:	FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	FALSE
USED OIL FUEL MRKTR MEETS SPECS:	FALSE

Facility Site ID Number:	29
SWC Desc:	WP03, WT01, WT02
FWC Desc:	D001, D002, D038, F005, U196, U019, D018, K088,
Form Comm:	Not reported
Data Year:	2010

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD057068561
Facility Address 2:	Not reported
TAX REG NBR:	602456735
NAICS CD:	493110
BUSINESS TYPE:	warehousing
MAIL NAME:	Chinook Ventures
MAIL ADDR LINE1:	PO Box 293
MAIL CITY,ST,ZIP:	LONGVIEW, WA 98632
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Chinook Ventures
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 293
LEGAL CITY,ST,ZIP:	LONGVIEW, WA 98632
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	360-425-2800
LEGAL EFFECTIVE DATE:	12/01/2004
LAND ORG NAME:	Northwest Alloys
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	201 Isabella St
LAND CITY,ST,ZIP:	PITTSBURGH, PA 15212-5858
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(412)553-4545
OPERATOR ORG NAME:	Chinook Ventures Inc.
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 293
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	360 425-2800
OPERATOR EFFECTIVE DATE:	12/01/2004
SITE CONTACT NAME:	Barry Oliver
SITE CONTACT ADDR LINE1:	PO Box 293

LONGVIEW REDUCTION PLT (Continued) **1000318269**

SITE CONTACT ZIP:	Longview, WA 98632
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	360 425-2800
SITE CONTACT EMAIL:	info@chinookventures.com
FORM CONTACT NAME:	Barry Oliver
FORM CONTACT ADDR LINE1:	PO Box 293
FORM CONTACT CITY,ST,ZIP:	Longview, WA 98632
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	360 425-2800
FORM CONTACT EMAIL:	info@chinookventures.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Click this hyperlink while viewing on your computer to access
1 additional WA MANIFEST: record(s) in the EDR Site Report.

SPILLS:

Facility ID:	636775
Medium:	SURFACE WATER-MARINE
Material Desc:	PETROLEUM - OIL OTHER
Material Qty:	Not reported
Material Units:	GALLON
Date Received:	10/04/2012
Contact Name:	Not reported
Incident Date:	Not reported

AIRS (EMI):

Year Of Info:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Facility Category Short Name:	Not reported
Facility Site Status Description:	Not reported
Ecolgy Fac ID:	29
Plant Name:	Not reported
Plant SIC Code:	3334
Plant NAICS:	Not reported
NAICS Code:	Not reported
Plant Lat/Long:	46.125 / -122.966388888889
Plant Lat/Long (dms):	Not reported
Plant UTM East:	501.0
Plant UTM North:	5109.0
Plant UTM Zone:	10.0

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Point Process SIC:	3334
Point Num:	01
Point NAICS:	Not reported
Lat/Long:	46.1241666666667 / -122.964166666667
Lat/Long (dms):	46 7 27 / 122 57 51
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	GENERAL FACILITY
Point Comments:	Not reported
Local ID:	Not reported
Local Air Agency ID:	S
Fed County Code:	015
Source Number:	0015
Process ID:	Not reported
Release Point Id:	Not reported
Release Point Description:	Not reported
Emissions Unit Id:	Not reported
Emissions Unit Design Capacity Quantity:	Not reported
Emissions Unit Design Capacity UOM Code:	Not reported
Emissions Unit Process Id:	Not reported
Insignificant Emissions Unit Flag:	Not reported
Calculation Material Code Description:	Not reported
Calculation Parameter Quantity:	Not reported
Calculation Parameter UOM Code:	Not reported
Percent Sulfur Content:	Not reported
Percent Ash Content:	Not reported
Heat Content:	Not reported
Heat Content Numerator UOM Code:	Not reported
Heat Content Denominator UOM Code:	Not reported
PM-CON:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	4
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	3
% Of Ops Occuring During Qtr Jun-Aug:	3
% Of Ops Occuring During Qtr Jul-Sep:	Not reported
% Of Ops Occuring During Qtr Sep-Nov:	90
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	8
# Of Days Facility Operates Each Week:	5
# Of Weeks Facility Operates Each Year:	11
Exit Temp Of A Stack Or Vent:	Not reported
% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported
Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	30300199
EPA Code For Throughput Unit Of Measure:	TON
EPA Mat Code For Throughput At Each Process:	202
EPA Code For Mat Thruput Fate Desc/input/output/existing:	O
Description Of Material:	Molten Aluminum
Annual Qty Of Throughput Mat:	0
Maximum Rate/Amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	N
Facility's Throughput Data Confidential:	No
Tot Suspended Partclt Emissn Tons/Year:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	1
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	Not reported
Particulate Matter Emission (?10microns) Tons/Year:	Not reported
Partclte Matter Emission (?10microns) Est Code:	3
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	Not reported
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	Not reported
Prticlte Matter Emisn (?2.5microns) Est Code:	3
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	0
Sulfur Dioxide Emission Estimation Code:	3
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	1
Nitrous Oxides Emission Estimation Code:	3
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	Not reported
Voltl Organic Compound Emissions Est Code:	3
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	1
Carbon Monoxide Emission Est Code:	3
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	Not reported
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	A
Ozone Nonattainment Area:	A
CO Nonattainment Area:	A
UTM East:	500.9
UTM North:	5109
UTM Zone:	10

LONGVIEW REDUCTION PLT (Continued) **1000318269**

P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
SCC Process Desc:	FUEL COMBUSTION
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	Not reported
Latitude/Longitude:	Not reported
Whether Source Is An AOP(Title V) Source:	Not reported
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported
Facility Site Supplemental Address:	Not reported
User Defined Site Code:	Not reported
User Defined RP Identifier Code:	Not reported
Release Point Status Code Description:	Not reported
Release Point Exit Gas Velocity Measure Quantity:	Not reported
Release Point Gas Velocity UOMCode:	Not reported
Release Point Exit Gas Flow Rate Measure Quantity:	Not reported
Release Point Gas Flow Rate UOM Code:	Not reported
Release Point Exit Gas Temperature Measure Quantity:	Not reported
Water Vapor Percent Quantity:	Not reported
Oxygen Percent Quantity:	Not reported
User Defined Unit Identifier Code:	Not reported
Emissions Unit Description:	Not reported
Unit Status Code Description:	Not reported
User Defined Process Identifier Code:	Not reported
Emission Unit Process Description:	Not reported
Short Name Description:	Not reported
Actual Hours Per Period Quantity:	Not reported
Pollutant Type Code:	Not reported
Average Percent Emissions Quantity:	Not reported
Contact Name:	LOUIS LOCKE
Contact Phone:	(360)636-8340
Contact Fax:	(360)636-8204
Contact E-mail:	lou.locke@longviewaluminum.com
Mailing Name:	LONGVIEW ALUMINUM, L.L.C.
Mailing Address:	PO BOX 2484
Mailing City,St,Zip:	LONGVIEW, WA 98632
Year Of Info:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Facility Category Short Name:	Not reported
Facility Site Status Description:	Not reported
Ecolgy Fac ID:	29
Plant Name:	Not reported
Plant SIC Code:	3334
Plant NAICS:	Not reported
NAICS Code:	Not reported
Plant Lat/Long:	46.125 / -122.966388888889
Plant Lat/Long (dms):	Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Plant UTM East:	501.0
Plant UTM North:	5109.0
Plant UTM Zone:	10.0
Point Process SIC:	3334
Point Num:	02
Point NAICS:	Not reported
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	CARBON PASTE PROCESS
Point Comments:	Not reported
Local ID:	Not reported
Local Air Agency ID:	S
Fed County Code:	015
Source Number:	0015
Process ID:	Not reported
Release Point Id:	Not reported
Release Point Description:	Not reported
Emissions Unit Id:	Not reported
Emissions Unit Design Capacity Quantity:	Not reported
Emissions Unit Design Capacity UOM Code:	Not reported
Emissions Unit Process Id:	Not reported
Insignificant Emissions Unit Flag:	Not reported
Calculation Material Code Description:	Not reported
Calculation Parameter Quantity:	Not reported
Calculation Parameter UOM Code:	Not reported
Percent Sulfur Content:	Not reported
Percent Ash Content:	Not reported
Heat Content:	Not reported
Heat Content Numerator UOM Code:	Not reported
Heat Content Denominator UOM Code:	Not reported
PM-CON:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	100
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	0
% Of Ops Occuring During Qtr Jun-Aug:	0
% Of Ops Occuring During Qtr Jul-Sep:	Not reported
% Of Ops Occuring During Qtr Sep-Nov:	0
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	3
# Of Days Facility Operates Each Week:	5
# Of Weeks Facility Operates Each Year:	2
Exit Temp Of A Stack Or Vent:	Not reported
% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	30300199
EPA Code For Throughput Unit Of Measure:	TON
EPA Mat Code For Throughput At Each Process:	202
EPA Code For Mat Thruput Fate Desc/input/output/existing:	O
Description Of Material:	Molten Aluminum
Annual Qty Of Throughput Mat:	0
Maximum Rate/Amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	N
Facility's Throughput Data Confidential:	No
Tot Suspended Partclt Emissn Tons/Year:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	1
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	053
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	018
% Control Of Particulate Matter Emissions:	80
Particulate Matter Emission (?10microns) Tons/Year:	Not reported
Partclte Matter Emission (?10microns) Est Code:	3
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	053
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	018
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	80
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	Not reported
Prticlte Matter Emisn (?2.5microns) Est Code:	3
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	0
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	0
Nitrous Oxides Emission Estimation Code:	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	Not reported
Voltl Organic Compound Emissions Est Code:	5
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	0
Carbon Monoxide Emission Est Code:	0
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	Not reported
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	A
Ozone Nonattainment Area:	A
CO Nonattainment Area:	A

LONGVIEW REDUCTION PLT (Continued) **1000318269**

UTM East:	500.9
UTM North:	5109
UTM Zone:	10
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	Not reported
Latitude/Longitude:	Not reported
Whether Source Is An AOP(Title V) Source:	Not reported
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported
Facility Site Supplemental Address:	Not reported
User Defined Site Code:	Not reported
User Defined RP Identifier Code:	Not reported
Release Point Status Code Description:	Not reported
Release Point Exit Gas Velocity Measure Quantity:	Not reported
Release Point Gas Velocity UOMCode:	Not reported
Release Point Exit Gas Flow Rate Measure Quantity:	Not reported
Release Point Gas Flow Rate UOM Code:	Not reported
Release Point Exit Gas Temperature Measure Quantity:	Not reported
Water Vapor Percent Quantity:	Not reported
Oxygen Percent Quantity:	Not reported
User Defined Unit Identifier Code:	Not reported
Emissions Unit Description:	Not reported
Unit Status Code Description:	Not reported
User Defined Process Identifier Code:	Not reported
Emission Unit Process Description:	Not reported
Short Name Description:	Not reported
Actual Hours Per Period Quantity:	Not reported
Pollutant Type Code:	Not reported
Average Percent Emissions Quantity:	Not reported
Contact Name:	LOUIS LOCKE
Contact Phone:	(360)636-8340
Contact Fax:	(360)636-8204
Contact E-mail:	lou.locke@longviewaluminum.com
Mailing Name:	LONGVIEW ALUMINUM, L.L.C.
Mailing Address:	PO BOX 2484
Mailing City,St,Zip:	LONGVIEW, WA 98632
Year Of Info:	2001
Facility ID:	Not reported
Facility Type:	Not reported
Facility Category Short Name:	Not reported
Facility Site Status Description:	Not reported
Ecolgy Fac ID:	29
Plant Name:	LONGVIEW ALUMINUM, L.L.C.
Plant SIC Code:	3334
Plant NAICS:	Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

NAICS Code:	Not reported
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	46 7 30 / 122 57 59
Plant UTM East:	Not reported
Plant UTM North:	5109
Plant UTM Zone:	10
Point Process SIC:	3334
Point Num:	02
Point NAICS:	Not reported
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	CARBON PASTE PROCESS
Point Comments:	Not reported
Local ID:	Not reported
Local Air Agency ID:	S
Fed County Code:	015
Source Number:	0015
Process ID:	Not reported
Release Point Id:	Not reported
Release Point Description:	Not reported
Emissions Unit Id:	Not reported
Emissions Unit Design Capacity Quantity:	Not reported
Emissions Unit Design Capacity UOM Code:	Not reported
Emissions Unit Process Id:	Not reported
Insignificant Emissions Unit Flag:	Not reported
Calculation Material Code Description:	Not reported
Calculation Parameter Quantity:	Not reported
Calculation Parameter UOM Code:	Not reported
Percent Sulfur Content:	Not reported
Percent Ash Content:	Not reported
Heat Content:	Not reported
Heat Content Numerator UOM Code:	Not reported
Heat Content Denominator UOM Code:	Not reported
PM-CON:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	100
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	0
% Of Ops Occuring During Qtr Jun-Aug:	0
% Of Ops Occuring During Qtr Jul-Sep:	Not reported
% Of Ops Occuring During Qtr Sep-Nov:	0
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	24
# Of Days Facility Operates Each Week:	5
# Of Weeks Facility Operates Each Year:	9
Exit Temp Of A Stack Or Vent:	Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported
Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	30300199
EPA Code For Throughput Unit Of Measure:	TON
EPA Mat Code For Throughput At Each Process:	202
EPA Code For Mat Thruput Fate Desc/input/output/existing:	O
Description Of Material:	Molten Aluminum
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/Amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	No
Tot Suspended Partclt Emissn Tons/Year:	5
Tot Suspended Partclte Emissions Estmn Code:	1
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	80
Particulate Matter Emission (?10microns) Tons/Year:	3
Partclte Matter Emission (?10microns) Est Code:	3
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	80
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	2
Prticlte Matter Emisn (?2.5microns) Est Code:	3
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	0
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	0
Nitrous Oxides Emission Estimation Code:	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	1
Voltl Organic Compound Emissions Est Code:	Not reported
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	0
Carbon Monoxide Emission Est Code:	0
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	0
Lead Emission Estimation Code:	Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

PM10 Nonattainment Area:	A
Ozone Nonattainment Area:	A
CO Nonattainment Area:	A
UTM East:	500.9
UTM North:	5109
UTM Zone:	10
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	Not reported
Latitude/Longitude:	Not reported
Whether Source Is An AOP(Title V) Source:	Not reported
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported
Facility Site Supplemental Address:	Not reported
User Defined Site Code:	Not reported
User Defined RP Identifier Code:	Not reported
Release Point Status Code Description:	Not reported
Release Point Exit Gas Velocity Measure Quantity:	Not reported
Release Point Gas Velocity UOMCode:	Not reported
Release Point Exit Gas Flow Rate Measure Quantity:	Not reported
Release Point Gas Flow Rate UOM Code:	Not reported
Release Point Exit Gas Temperature Measure Quantity:	Not reported
Water Vapor Percent Quantity:	Not reported
Oxygen Percent Quantity:	Not reported
User Defined Unit Identifier Code:	Not reported
Emissions Unit Description:	Not reported
Unit Status Code Description:	Not reported
User Defined Process Identifier Code:	Not reported
Emission Unit Process Description:	Not reported
Short Name Description:	Not reported
Actual Hours Per Period Quantity:	Not reported
Pollutant Type Code:	Not reported
Average Percent Emissions Quantity:	Not reported
Contact Name:	H HAYS
Contact Phone:	(360)636-8251
Contact Fax:	(360)636-8196
Contact E-mail:	harold.hays@longviewaluminum.com
Mailing Name:	LONGVIEW ALUMINUM, L.L.C.
Mailing Address:	PO BOX 999
Mailing City,St,Zip:	LONGVIEW, WA 98632
Year Of Info:	2001
Facility ID:	Not reported
Facility Type:	Not reported
Facility Category Short Name:	Not reported
Facility Site Status Description:	Not reported
Ecolgy Fac ID:	29

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Plant Name:	LONGVIEW ALUMINUM, L.L.C.
Plant SIC Code:	3334
Plant NAICS:	Not reported
NAICS Code:	Not reported
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	46 7 30 / 122 57 59
Plant UTM East:	Not reported
Plant UTM North:	5109
Plant UTM Zone:	10
Point Process SIC:	3334
Point Num:	03
Point NAICS:	Not reported
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	6 POTLINES;31 ESP;9 ROOF VENTS
Point Comments:	CONTROL INCL. BAGHSE DUST COLLECTORS
Local ID:	Not reported
Local Air Agency ID:	S
Fed County Code:	015
Source Number:	0015
Process ID:	Not reported
Release Point Id:	Not reported
Release Point Description:	Not reported
Emissions Unit Id:	Not reported
Emissions Unit Design Capacity Quantity:	Not reported
Emissions Unit Design Capacity UOM Code:	Not reported
Emissions Unit Process Id:	Not reported
Insignificant Emissions Unit Flag:	Not reported
Calculation Material Code Description:	Not reported
Calculation Parameter Quantity:	Not reported
Calculation Parameter UOM Code:	Not reported
Percent Sulfur Content:	Not reported
Percent Ash Content:	Not reported
Heat Content:	Not reported
Heat Content Numerator UOM Code:	Not reported
Heat Content Denominator UOM Code:	Not reported
PM-CON:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	100
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	0
% Of Ops Occuring During Qtr Jun-Aug:	0
% Of Ops Occuring During Qtr Jul-Sep:	Not reported
% Of Ops Occuring During Qtr Sep-Nov:	0
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	24

LONGVIEW REDUCTION PLT (Continued) **1000318269**

# Of Days Facility Operates Each Week:	7
# Of Weeks Facility Operates Each Year:	9
Exit Temp Of A Stack Or Vent:	90
% Wtr In Stack / Vent Exhaust:	5
Height Of Stack:	80
Diameter Of Stack:	7
Air Flow From A Vent Or Stack:	100000
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	30300102
EPA Code For Throughput Unit Of Measure:	TON
EPA Mat Code For Throughput At Each Process:	202
EPA Code For Mat Thruput Fate Desc/input/output/existing:	O
Description Of Material:	Molten Aluminum
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/Amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	No
Tot Suspended Partclt Emissn Tons/Year:	262
Tot Suspended Partclte Emissions Estmn Code:	1
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	98
Particulate Matter Emission (?10microns) Tons/Year:	92
Partclte Matter Emission (?10microns) Est Code:	3
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	98
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	53
Prticlte Matter Emisn (?2.5microns) Est Code:	3
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	32
Sulfur Dioxide Emission Estimation Code:	1
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	003
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	3
% Control Of Sulfur Dioxide Emissions:	99
Nitrous Oxides Emissions In Tons/Yr:	4
Nitrous Oxides Emission Estimation Code:	1
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	POM & PFC
Volatile Organic Compound Emissions In Tons/Year:	60
Voltl Organic Compound Emissions Est Code:	1
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	003
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	003
% Cntrl Of Volatile Organic Compound Emissions:	93
Carbon Monoxide Emissions In Tons/Year:	3376
Carbon Monoxide Emission Est Code:	1
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	0
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	A
Ozone Nonattainment Area:	A
CO Nonattainment Area:	A
UTM East:	500.9
UTM North:	5109
UTM Zone:	10
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	Not reported
Latitude/Longitude:	Not reported
Whether Source Is An AOP(Title V) Source:	Not reported
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported
Facility Site Supplemental Address:	Not reported
User Defined Site Code:	Not reported
User Defined RP Identifier Code:	Not reported
Release Point Status Code Description:	Not reported
Release Point Exit Gas Velocity Measure Quantity:	Not reported
Release Point Gas Velocity UOMCode:	Not reported
Release Point Exit Gas Flow Rate Measure Quantity:	Not reported
Release Point Gas Flow Rate UOM Code:	Not reported
Release Point Exit Gas Temperature Measure Quantity:	Not reported
Water Vapor Percent Quantity:	Not reported
Oxygen Percent Quantity:	Not reported
User Defined Unit Identifier Code:	Not reported
Emissions Unit Description:	Not reported
Unit Status Code Description:	Not reported
User Defined Process Identifier Code:	Not reported
Emission Unit Process Description:	Not reported
Short Name Description:	Not reported
Actual Hours Per Period Quantity:	Not reported
Pollutant Type Code:	Not reported
Average Percent Emissions Quantity:	Not reported
Contact Name:	H HAYS
Contact Phone:	(360)636-8251
Contact Fax:	(360)636-8196
Contact E-mail:	harold.hays@longviewaluminum.com
Mailing Name:	LONGVIEW ALUMINUM, L.L.C.
Mailing Address:	PO BOX 999
Mailing City,St,Zip:	LONGVIEW, WA 98632
Year Of Info:	2001
Facility ID:	Not reported
Facility Type:	Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Facility Category Short Name:	Not reported
Facility Site Status Description:	Not reported
Ecolgy Fac ID:	29
Plant Name:	LONGVIEW ALUMINUM, L.L.C.
Plant SIC Code:	3334
Plant NAICS:	Not reported
NAICS Code:	Not reported
Plant Lat/Long:	Not reported
Plant Lat/Long (dms):	46 7 30 / 122 57 59
Plant UTM East:	Not reported
Plant UTM North:	5109
Plant UTM Zone:	10
Point Process SIC:	3334
Point Num:	04
Point NAICS:	Not reported
Lat/Long:	Not reported
Lat/Long (dms):	Not reported
Point UTM East:	Not reported
Point UTM North:	Not reported
Point UTM Zone:	Not reported
Point Desc:	CASTHOUSE
Point Comments:	Not reported
Local ID:	Not reported
Local Air Agency ID:	S
Fed County Code:	015
Source Number:	0015
Process ID:	Not reported
Release Point Id:	Not reported
Release Point Description:	Not reported
Emissions Unit Id:	Not reported
Emissions Unit Design Capacity Quantity:	Not reported
Emissions Unit Design Capacity UOM Code:	Not reported
Emissions Unit Process Id:	Not reported
Insignificant Emissions Unit Flag:	Not reported
Calculation Material Code Description:	Not reported
Calculation Parameter Quantity:	Not reported
Calculation Parameter UOM Code:	Not reported
Percent Sulfur Content:	Not reported
Percent Ash Content:	Not reported
Heat Content:	Not reported
Heat Content Numerator UOM Code:	Not reported
Heat Content Denominator UOM Code:	Not reported
PM-CON:	Not reported
Tot Suspended Partclte Emissions Estmn Code:	Not reported
PM10 Nonattainment Area:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
NO2 Chemical:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
CO Nonattainment Area:	Not reported
Univsl Business ID:	Not reported
Boilers Design Capacity At A Point:	Not reported
% Of Ops Occuring During Qtr Jan-Mar:	Not reported
% Of Ops Occuring During Qtr Dec-Feb:	100
% Of Ops Occuring During Qtr Apr-Jun:	Not reported
% Of Ops Occuring During Qtr Mar-May:	0
% Of Ops Occuring During Qtr Jun-Aug:	0
% Of Ops Occuring During Qtr Jul-Sep:	Not reported

LONGVIEW REDUCTION PLT (Continued) **1000318269**

% Of Ops Occuring During Qtr Sep-Nov:	0
% Of Ops Occuring During Qtr Oct-Dec:	Not reported
# Of Hours Facility Operates Each Day:	24
# Of Days Facility Operates Each Week:	7
# Of Weeks Facility Operates Each Year:	9
Exit Temp Of A Stack Or Vent:	Not reported
% Wtr In Stack / Vent Exhaust:	Not reported
Height Of Stack:	Not reported
Diameter Of Stack:	Not reported
Air Flow From A Vent Or Stack:	Not reported
% Oxygen In Stack / Vent Exhaust:	Not reported
Flow Rate:	Not reported
Flow Unit:	Not reported
Vertical Dist Exhaust Travels From Stack/vent Outlet:	Not reported
SCC Process Desc:	30300199
EPA Code For Throughput Unit Of Measure:	TON
EPA Mat Code For Throughput At Each Process:	202
EPA Code For Mat Thruput Fate Desc/input/output/existing:	O
Description Of Material:	Molten Aluminum
Annual Qty Of Throughput Mat:	Not reported
Maximum Rate/Amount Of Annual Throughput:	Not reported
% Of Sulfur In Fuels:	Not reported
% Of Ash In Fuels:	Not reported
Emission Unit Output Threshhold:	Not reported
Facility's Throughput Data Confidential:	No
Tot Suspended Partclt Emissn Tons/Year:	13
Tot Suspended Partclte Emissions Estmn Code:	1
Pri Particulate Matter Cntrl Tech Code At Point/Segment:	Not reported
Sec Partciulate Matter Cntrl Tech Code At Point/segment:	Not reported
% Control Of Particulate Matter Emissions:	80
Particulate Matter Emission (?10microns) Tons/Year:	7
Partclte Matter Emission (?10microns) Est Code:	3
Pri Prtclte Matter (?10microns) Cntrl Tech Code At Pt/Seg:	Not reported
Sec Prtclte Matter (?10microns) Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Prtclte Matter (? 10microns) Emisns:	80
Prticlte Matter (?2.5microns)emisins In Tons/Yr:	5
Prticlte Matter Emisn (?2.5microns) Est Code:	3
Pri Ptculate Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
Sec Prticlte Matter (?2.5microns) Ctl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Particulate Matter (?2.5microns) Emissions:	Not reported
Sulfur Dioxide Emissions Tons/Year:	0
Sulfur Dioxide Emission Estimation Code:	Not reported
Pri Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
Secondary Sulfur Dioxide Cntrl Tech Code At Pt/Seg:	Not reported
% Control Of Sulfur Dioxide Emissions:	Not reported
Nitrous Oxides Emissions In Tons/Yr:	0
Nitrous Oxides Emission Estimation Code:	Not reported
Pri Nitrous Oxides Cntrl Tech Code At Point/Segment:	Not reported
Sec Nitrous Oxide Control Tech Code At Point Segment:	Not reported
% Control Of Nitrous Oxides Emissions:	Not reported
Volatile Organic Compound Emitted Desc:	Not reported
Volatile Organic Compound Emissions In Tons/Year:	0
Voltl Organic Compound Emissions Est Code:	4
Pri Voltl Organic Compound Cntl Tech Code At Pt/seg:	Not reported
Sec Voltle Organic Compound Cntl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Volatile Organic Compound Emissions:	Not reported
Carbon Monoxide Emissions In Tons/Year:	0

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Carbon Monoxide Emission Est Code:	0
Pri Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
Sec Carbon Monoxide Cntrl Tech Code At Pt/Seg:	Not reported
% Cntrl Of Carbon Monoxide Emissions:	Not reported
Lead Emissions In Tons/Year:	0
Lead Emission Estimation Code:	Not reported
PM10 Nonattainment Area:	A
Ozone Nonattainment Area:	A
CO Nonattainment Area:	A
UTM East:	500.9
UTM North:	5109
UTM Zone:	10
P NH3 Control:	Not reported
NH3 tpy:	Not reported
S NH3 ctrl:	Not reported
NH3 % ctrl:	Not reported
STK ACFS:	Not reported
SCC Process Desc:	Not reported
Primary Control Device Code for SO2:	Not reported
Secondary Control Device Code for SO2:	Not reported
Insignificant Emissions Unit:	Not reported
Latitude/Longitude:	Not reported
Whether Source Is An AOP(Title V) Source:	Not reported
Control Code1:	Not reported
Control Code2:	Not reported
Control Code3:	Not reported
Control Code4:	Not reported
Control Code5:	Not reported
Control Code6:	Not reported
Facility Site Supplemental Address:	Not reported
User Defined Site Code:	Not reported
User Defined RP Identifier Code:	Not reported
Release Point Status Code Description:	Not reported
Release Point Exit Gas Velocity Measure Quantity:	Not reported
Release Point Gas Velocity UOMCode:	Not reported
Release Point Exit Gas Flow Rate Measure Quantity:	Not reported
Release Point Gas Flow Rate UOM Code:	Not reported
Release Point Exit Gas Temperature Measure Quantity:	Not reported
Water Vapor Percent Quantity:	Not reported
Oxygen Percent Quantity:	Not reported
User Defined Unit Identifier Code:	Not reported
Emissions Unit Description:	Not reported
Unit Status Code Description:	Not reported
User Defined Process Identifier Code:	Not reported
Emission Unit Process Description:	Not reported
Short Name Description:	Not reported
Actual Hours Per Period Quantity:	Not reported
Pollutant Type Code:	Not reported
Average Percent Emissions Quantity:	Not reported
Contact Name:	H HAYS
Contact Phone:	(360)636-8251
Contact Fax:	(360)636-8196
Contact E-mail:	harold.hays@longviewaluminum.com
Mailing Name:	LONGVIEW ALUMINUM, L.L.C.
Mailing Address:	PO BOX 999
Mailing City,St,Zip:	LONGVIEW, WA 98632

LONGVIEW REDUCTION PLT (Continued) **1000318269**

Click this hyperlink while viewing on your computer to access
39 additional WA AIR_EMISSIONS: record(s) in the EDR Site Report.

US FIN ASSUR:

EPA ID:	WAD057068561
Provider:	ALCOA, INC.
EPA region:	10
County:	COWLITZ
Mechanism type:	CORPORATE GUARANTEE
Mechanism ID:	2009 CFO LETTER
Cost estimate:	13711
Face value:	35700000
Effective date:	2009-03-19 00:00:00

EPA ID:	WAD057068561
Provider:	ALCOA, INC.
EPA region:	10
County:	COWLITZ
Mechanism type:	CORPORATE GUARANTEE
Mechanism ID:	2009 CFO LETTER
Cost estimate:	576747
Face value:	35700000
Effective date:	2009-03-19 00:00:00

EPA ID:	WAD057068561
Provider:	ALCOA, INC.
EPA region:	10
County:	COWLITZ
Mechanism type:	CORPORATE GUARANTEE
Mechanism ID:	2010 FINANCIAL TEST
Cost estimate:	13874
Face value:	42100000
Effective date:	2010-03-31 00:00:00

EPA ID:	WAD057068561
Provider:	ALCOA, INC.
EPA region:	10
County:	COWLITZ
Mechanism type:	CORPORATE GUARANTEE
Mechanism ID:	2010 FINANCIAL TEST
Cost estimate:	583610
Face value:	42100000
Effective date:	2010-03-31 00:00:00

EPA ID:	WAD057068561
Provider:	ALCOA, INC.
EPA region:	10
County:	COWLITZ
Mechanism type:	CORPORATE GUARANTEE
Mechanism ID:	2011 FINANCIAL TEST
Cost estimate:	14006
Face value:	42400000
Effective date:	2011-03-31 00:00:00

EPA ID:	WAD057068561
Provider:	ALCOA, INC.

LONGVIEW REDUCTION PLT (Continued) **1000318269**

EPA region: 10
County: COWLITZ
Mechanism type: CORPORATE GUARANTEE
Mechanism ID: 2011 FINANCIAL TEST
Cost estimate: 589154
Face value: 42400000
Effective date: 2011-03-31 00:00:00

EPA ID: WAD057068561
Provider: ALCOA, INC.
EPA region: 10
County: COWLITZ
Mechanism type: CORPORATE GUARANTEE
Mechanism ID: CFO LETTER
Cost estimate: 14300
Face value: 42900000
Effective date: 2012-03-26 00:00:00

EPA ID: WAD057068561
Provider: ALCOA, INC.
EPA region: 10
County: COWLITZ
Mechanism type: CORPORATE GUARANTEE
Mechanism ID: CFO LETTER
Cost estimate: 14557
Face value: 35500000
Effective date: 2013-03-13 00:00:00

EPA ID: WAD057068561
Provider: ALCOA, INC.
EPA region: 10
County: COWLITZ
Mechanism type: CORPORATE GUARANTEE
Mechanism ID: CFO LETTER
Cost estimate: 601526
Face value: 42900000
Effective date: 2012-03-26 00:00:00

EPA ID: WAD057068561
Provider: ALCOA, INC.
EPA region: 10
County: COWLITZ
Mechanism type: CORPORATE GUARANTEE
Mechanism ID: CFO LETTER
Cost estimate: 612353
Face value: 35500000
Effective date: 2013-03-13 00:00:00

EPA ID: WAD057068561
Provider: ACE AMERICAN INSURANCE COMPANY
EPA region: 10
County: COWLITZ
Mechanism type: INSURANCE
Mechanism ID: POLICY NO. G23743553
Cost estimate: 8000000
Face value: 8000000
Effective date: 2008-07-01 00:00:00

LONGVIEW REDUCTION PLT (Continued) **1000318269**

EPA ID: WAD057068561
Provider: ILLINOIS UNION INSURANCE COMPANY
EPA region: 10
County: COWLITZ
Mechanism type: INSURANCE
Mechanism ID: PPL G23877909 001
Cost estimate: 8000000
Face value: 8000000
Effective date: 2009-07-01 00:00:00

EPA ID: WAD057068561
Provider: ILLINOIS UNION INSURANCE COMPANY
EPA region: 10
County: COWLITZ
Mechanism type: INSURANCE
Mechanism ID: PPL G23877909 002
Cost estimate: 8000000
Face value: 8000000
Effective date: 2010-07-01 00:00:00

EPA ID: WAD057068561
Provider: ILLINOIS UNION INSURANCE COMPANY
EPA region: 10
County: COWLITZ
Mechanism type: INSURANCE
Mechanism ID: PPL G23877909 003
Cost estimate: 8000000
Face value: 8000000
Effective date: 2011-07-01 00:00:00

EPA ID: WAD057068561
Provider: ILLINOIS UNION INSURANCE COMPANY
EPA region: 10
County: COWLITZ
Mechanism type: INSURANCE
Mechanism ID: PPL G23877909 004
Cost estimate: 8000000
Face value: 8000000
Effective date: 2012-07-01 00:00:00

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8 **REYNOLDS METALS ALUMINUM SMELTER** **WA CSCSL** **S103508848**
4029 INDUSTRIAL WAY **WA ALLSITES** **N/A**
LONGVIEW, WA 98632 **WA HSL**
WA SWF/LF
WA LUST
WA MANIFEST
WA SPILLS
WA ICR
WA NPDES

CSCSL:
Facility ID: 29
Region: Southwest
Lat/Long: 46.14146 / -122.99635
Brownfield Status: Not reported
Rank Status: 5
Clean Up Siteid: 11796
Site Status: Cleanup Started

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

PSI?: Not reported
Contaminant Name: Conventional Contaminants, Inorganic
Ground Water: Confirmed Above Cleanup Level
Surface Water: Not reported
Soil: Remediated
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Industrial

Facility ID: 29
Region: Southwest
Lat/Long: 46.14146 / -122.99635
Brownfield Status: Not reported
Rank Status: 5
Clean Up Siteid: 11796
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Conventional Contaminants, Organic
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Industrial

Facility ID: 29
Region: Southwest
Lat/Long: 46.14146 / -122.99635
Brownfield Status: Not reported
Rank Status: 5
Clean Up Siteid: 11796
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Metals - Other
Ground Water: Confirmed Above Cleanup Level
Surface Water: Not reported
Soil: Confirmed Above Cleanup Level
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Industrial

Facility ID: 29
Region: Southwest
Lat/Long: 46.14146 / -122.99635
Brownfield Status: Not reported
Rank Status: 5
Clean Up Siteid: 11796
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Petroleum Products-Unspecified
Ground Water: Not reported
Surface Water: Not reported
Soil: Confirmed Above Cleanup Level
Sediment: Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Industrial
Facility ID:	29
Region:	Southwest
Lat/Long:	46.14146 / -122.99635
Brownfield Status:	Not reported
Rank Status:	5
Clean Up Siteid:	11796
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Petroleum-Diesel
Ground Water:	Not reported
Surface Water:	Not reported
Soil:	Remediated-Below Cleanup Level
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Industrial
Facility ID:	29
Region:	Southwest
Lat/Long:	46.14146 / -122.99635
Brownfield Status:	Not reported
Rank Status:	5
Clean Up Siteid:	11796
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Petroleum-Other
Ground Water:	Confirmed Above Cleanup Level
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Level
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Industrial
Facility ID:	29
Region:	Southwest
Lat/Long:	46.14146 / -122.99635
Brownfield Status:	Not reported
Rank Status:	5
Clean Up Siteid:	11796
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Polychlorinated biPhenyls (PCB)
Ground Water:	Not reported
Surface Water:	Remediated
Soil:	Remediated
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Industrial
Facility ID:	29
Region:	Southwest

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Lat/Long:	46.14146 / -122.99635
Brownfield Status:	Not reported
Rank Status:	5
Clean Up Siteid:	11796
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Polynuclear Aromatic Hydrocarbons
Ground Water:	Confirmed Above Cleanup Level
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Level
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Industrial

ALLSITES:

Facility Id:	13822
Latitude:	46.138569
Longitude:	-122.99775
Ecology Interest Type Code:	TIER2

Facility Id:	29
Latitude:	46.14146
Longitude:	-122.99635
Ecology Interest Type Code:	HWOTHER
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported
Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00
Date Interaction 3:	12/31/2002 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00

Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS

Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL
Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS
Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS
Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	29
Latitude:	46.14146
Longitude:	-122.99635
Ecology Interest Type Code:	UST
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported
Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00
Date Interaction 3:	12/31/2002 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported
Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	1/31/1996 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS
Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL
Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS
Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS
Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Id:	29
Latitude:	46.14146
Longitude:	-122.99635
Ecology Interest Type Code:	401PROJ
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported
Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00
Date Interaction 3:	12/31/2002 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS
Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL
Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	29
Latitude:	46.14146
Longitude:	-122.99635
Ecology Interest Type Code:	HWG
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Not reported
Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00
Date Interaction 3:	12/31/2002 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS
Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL
Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	215

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	29
Latitude:	46.14146
Longitude:	-122.99635
Ecology Interest Type Code:	INDPNDNT
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported
Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00
Date Interaction 3:	12/31/2002 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS
Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL

Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	29
Latitude:	46.14146
Longitude:	-122.99635
Ecology Interest Type Code:	INDUSTIP
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported
Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00
Date Interaction 3:	12/31/2002 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00
Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3: 10/15/1990 0:00

Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: A
Interaction 1: CONSTGP
Interaction 2: Construction SW GP
Ecology Program: WATQUAL
Program Data: PARIS
Facility Alt.: Millennium Bulk Logistics Longview
Program ID: Not reported
Date Interaction: 10/22/2010 0:00
Date Interaction 3: Not reported

Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: A
Interaction 1: 401PROJ
Interaction 2: 401CZM Project Site
Ecology Program: SEA
Program Data: AQUATICS
Facility Alt.: Millennium Bulk Logistics Longview
Program ID: 201001220
Date Interaction: 11/30/2011 0:00
Date Interaction 3: Not reported

Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: A
Interaction 1: HWG
Interaction 2: Hazardous Waste Generator
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Millennium Bulk Terminals Longview LLC
Program ID: WAD057068561
Date Interaction: 1/16/2011 0:00
Date Interaction 3: Not reported

Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: A
Interaction 1: TIER2
Interaction 2: Emergency/Haz Chem Rpt TIER2
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: WAD057068561
Date Interaction: 1/1/1990 0:00
Date Interaction 3: Not reported

Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: A
Interaction 1: TRI
Interaction 2: Toxics Release Inventory
Ecology Program: HAZWASTE
Program Data: EPCRA

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS
Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	212

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL

Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

cur_sys_nm:	DMS
Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	29
Latitude:	46.14146
Longitude:	-122.99635
Ecology Interest Type Code:	SCS
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported
Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00
Date Interaction 3:	12/31/2002 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS
Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

cur_sys_pr: WATQUAL
cur_sys_nm: PARIS

Facility Id: 29
Latitude: 46.14146
Longitude: -122.99635
Ecology Interest Type Code: TIER2
Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: A
Interaction 1: AQOPS
Interaction 2: Air Qual Oper Permit Source
Ecology Program: AIRQUAL
Program Data: AIRSIS
Facility Alt.: Not reported
Program ID: S0150015
Date Interaction: 1/1/1977 0:00
Date Interaction 3: Not reported

Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: I
Interaction 1: HWG
Interaction 2: Hazardous Waste Generator
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD057068561
Date Interaction: 8/18/1980 0:00
Date Interaction 3: 12/31/2003 0:00

Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: I
Interaction 1: TRI
Interaction 2: Toxics Release Inventory
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: WAD057068561
Date Interaction: 1/1/1989 0:00
Date Interaction 3: 12/31/2002 0:00

Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: I
Interaction 1: HWP
Interaction 2: Hazardous Waste Planner
Ecology Program: HAZWASTE
Program Data: HWPPRT
Facility Alt.: Not reported
Program ID: WAD057068561
Date Interaction: 1/1/1991 0:00
Date Interaction 3: 6/25/2008 0:00

Facility ID: 29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS
Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA

Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT

Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL

Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

cur_sys_nm: TURBOWASTE

Facility/Site Interaction T: 214
Geographic Location Identifier (Alias Facid): 29
Interaction (Aka Env Int) Type Code: HWG
Interaction (Aka Env Int) Description: Hazardous Waste Generator
Interaction Status: A
Federal Program Indentifier: WAD057068561
Interaction Start Date: 12/31/2004
Interaction End Date: Not reported
prgm_facil: Not reported
cur_sys_pr: HAZWASTE
cur_sys_nm: TURBOWASTE

Facility/Site Interaction T: 215
Geographic Location Identifier (Alias Facid): 29
Interaction (Aka Env Int) Type Code: NONENFNL
Interaction (Aka Env Int) Description: Non Enforcement Final
Interaction Status: A
Federal Program Indentifier: Not reported
Interaction Start Date: 03/22/2005
Interaction End Date: Not reported
prgm_facil: Not reported
cur_sys_pr: INDUSTRIAL
cur_sys_nm: DMS

Facility/Site Interaction T: 216
Geographic Location Identifier (Alias Facid): 29
Interaction (Aka Env Int) Type Code: ENFORFNL
Interaction (Aka Env Int) Description: Enforcement Final
Interaction Status: A
Federal Program Indentifier: Not reported
Interaction Start Date: 03/22/2005
Interaction End Date: Not reported
prgm_facil: Not reported
cur_sys_pr: INDUSTRIAL
cur_sys_nm: DMS

Facility/Site Interaction T: 80857
Geographic Location Identifier (Alias Facid): 29
Interaction (Aka Env Int) Type Code: INDUSTIP
Interaction (Aka Env Int) Description: Industrial IP
Interaction Status: A
Federal Program Indentifier: WA0000086
Interaction Start Date: 10/15/1990
Interaction End Date: Not reported
prgm_facil: CHINOOK VENTURES INC LONGVIEW
cur_sys_pr: WATQUAL
cur_sys_nm: PARIS

Facility Id: 29
Latitude: 46.14146
Longitude: -122.99635
Ecology Interest Type Code: TRI
Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported
Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00
Date Interaction 3:	12/31/2002 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS
Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT

Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL

Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS
Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS
Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	29
Latitude:	46.14146
Longitude:	-122.99635
Ecology Interest Type Code:	AQOPS
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported
Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported
Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00
Date Interaction 3:	12/31/2002 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS

Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA

Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL
Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	29
Latitude:	46.14146
Longitude:	-122.99635
Ecology Interest Type Code:	CONSTGP
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported
Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00
Date Interaction 3:	12/31/2002 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS

Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA

Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT

Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL
Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS
Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	29
Latitude:	46.14146
Longitude:	-122.99635
Ecology Interest Type Code:	ENFORFNL
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported
Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	12/31/2002 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported
Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS
Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL
Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS
Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS
Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	29
Latitude:	46.14146
Longitude:	-122.99635
Ecology Interest Type Code:	HWP
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported
Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00
Date Interaction 3:	12/31/2002 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00

Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS

Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL
Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	29
Latitude:	46.14146

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Longitude: -122.99635
Ecology Interest Type Code: INDUSTRL
Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: A
Interaction 1: AQOPS
Interaction 2: Air Qual Oper Permit Source
Ecology Program: AIRQUAL
Program Data: AIRSIS
Facility Alt.: Not reported
Program ID: S0150015
Date Interaction: 1/1/1977 0:00
Date Interaction 3: Not reported

Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: I
Interaction 1: HWG
Interaction 2: Hazardous Waste Generator
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WAD057068561
Date Interaction: 8/18/1980 0:00
Date Interaction 3: 12/31/2003 0:00

Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: I
Interaction 1: TRI
Interaction 2: Toxics Release Inventory
Ecology Program: HAZWASTE
Program Data: EPCRA
Facility Alt.: Not reported
Program ID: WAD057068561
Date Interaction: 1/1/1989 0:00
Date Interaction 3: 12/31/2002 0:00

Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: I
Interaction 1: HWP
Interaction 2: Hazardous Waste Planner
Ecology Program: HAZWASTE
Program Data: HWPPRT
Facility Alt.: Not reported
Program ID: WAD057068561
Date Interaction: 1/1/1991 0:00
Date Interaction 3: 6/25/2008 0:00

Facility ID: 29
Facility Company: Millennium Bulk Terminals Longview
Interaction: I
Interaction 1: SCS
Interaction 2: State Cleanup Site
Ecology Program: TOXICS
Program Data: ISIS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites
Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported
Facility ID:	29

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040
Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS
Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL
Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE

Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL
Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	29
Latitude:	46.14146
Longitude:	-122.99635
Ecology Interest Type Code:	NONENFNL
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	AQOPS
Interaction 2:	Air Qual Oper Permit Source
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program ID:	S0150015
Date Interaction:	1/1/1977 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	8/18/1980 0:00
Date Interaction 3:	12/31/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1989 0:00
Date Interaction 3:	12/31/2002 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1991 0:00
Date Interaction 3:	6/25/2008 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	CHINOOK VENTURES INC LONGVIEW
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	2/19/2003 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTRL
Interaction 2:	Industrial Sites

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Ecology Program:	W2R
Program Data:	INDUSTRIAL
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	1/1/2001 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWOTHER
Interaction 2:	Haz Waste Management Activity
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	12/31/2003 0:00
Date Interaction 3:	12/31/2004 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Chinook Ventures Inc.
Program ID:	WAD057068561
Date Interaction:	12/31/2004 0:00
Date Interaction 3:	1/11/2011 0:00
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	NONENFNL
Interaction 2:	Non Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported
Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction 1:	ENFORFNL
Interaction 2:	Enforcement Final
Ecology Program:	INDUSTRIAL
Program Data:	DMS
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/22/2005 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	"Millennium Bulk Terminals Longview
Program ID:	LLC"
Date Interaction:	WA0000086
Date Interaction 3:	10/15/1990 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	Not reported
Date Interaction:	10/22/2010 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	401PROJ
Interaction 2:	401CZM Project Site
Ecology Program:	SEA
Program Data:	AQUATICS
Facility Alt.:	Millennium Bulk Logistics Longview
Program ID:	201001220
Date Interaction:	11/30/2011 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Millennium Bulk Terminals Longview LLC
Program ID:	WAD057068561
Date Interaction:	1/16/2011 0:00
Date Interaction 3:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TIER2
Interaction 2:	Emergency/Haz Chem Rpt TIER2
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1990 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	TRI
Interaction 2:	Toxics Release Inventory
Ecology Program:	HAZWASTE
Program Data:	EPCRA
Facility Alt.:	Not reported
Program ID:	WAD057068561
Date Interaction:	1/1/1993 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	INDPNDNT
Interaction 2:	Independent Cleanup
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	REYNOLDS METALS CO LONGVIEW REDUCTION PL
Program ID:	Not reported
Date Interaction:	1/30/1996 0:00
Date Interaction 3:	1/31/1996 0:00

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	A
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Millennium Bulk Terminals Longview
Program ID:	WAD057068561
Date Interaction:	5/10/2013 0:00
Date Interaction 3:	Not reported

Facility ID:	29
Facility Company:	Millennium Bulk Terminals Longview
Interaction:	I
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	11040

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Date Interaction:	5/8/1986 0:00
Date Interaction 3:	11/10/2004 0:00
Facility/Site Interaction T:	205
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	AQOPS
Interaction (Aka Env Int) Description:	Air Qual Oper Permit Source
Interaction Status:	A
Federal Program Indentifier:	S0150015
Interaction Start Date:	01/01/1977
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	AIRQUAL
cur_sys_nm:	AIRSIS
Facility/Site Interaction T:	206
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	08/18/1980
Interaction End Date:	12/31/2003
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	207
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	UST
Interaction (Aka Env Int) Description:	Underground Storage Tank
Interaction Status:	I
Federal Program Indentifier:	11040
Interaction Start Date:	05/08/1986
Interaction End Date:	11/10/2004
prgm_facil:	Not reported
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	208
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	TRI
Interaction (Aka Env Int) Description:	Toxics Release Inventory
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	01/01/1989
Interaction End Date:	12/31/2002
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	EPCRA
Facility/Site Interaction T:	209
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWP
Interaction (Aka Env Int) Description:	Hazardous Waste Planner
Interaction Status:	I
Federal Program Indentifier:	WAD057068561

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction Start Date:	01/01/1991
Interaction End Date:	06/25/2008
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	HWPPRT
Facility/Site Interaction T:	211
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	I
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	02/19/2003
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	212
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTRL
Interaction (Aka Env Int) Description:	Industrial Sites
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/01/2001
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	W2R
cur_sys_nm:	INDUSTRIAL
Facility/Site Interaction T:	213
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWOTHER
Interaction (Aka Env Int) Description:	Haz Waste Management Activity
Interaction Status:	I
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2003
Interaction End Date:	12/31/2004
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	214
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	HWG
Interaction (Aka Env Int) Description:	Hazardous Waste Generator
Interaction Status:	A
Federal Program Indentifier:	WAD057068561
Interaction Start Date:	12/31/2004
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	HAZWASTE
cur_sys_nm:	TURBOWASTE
Facility/Site Interaction T:	215
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	NONENFNL

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction (Aka Env Int) Description:	Non Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	216
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	ENFORFNL
Interaction (Aka Env Int) Description:	Enforcement Final
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	03/22/2005
Interaction End Date:	Not reported
prgm_facil:	Not reported
cur_sys_pr:	INDUSTRIAL
cur_sys_nm:	DMS

Facility/Site Interaction T:	80857
Geographic Location Identifier (Alias Facid):	29
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000086
Interaction Start Date:	10/15/1990
Interaction End Date:	Not reported
prgm_facil:	CHINOOK VENTURES INC LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	4711
Latitude:	46.1458
Longitude:	-123.001
Ecology Interest Type Code:	CONSTGP
Facility ID:	4711
Facility Company:	FLAT STORAGE AREA
Interaction:	I
Interaction 1:	CONSTGP
Interaction 2:	Construction SW GP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	FLAT STORAGE AREA
Program ID:	WAR011205
Date Interaction:	5/28/2009 0:00
Date Interaction 3:	10/23/2013 0:00

Facility/Site Interaction T:	86075
Geographic Location Identifier (Alias Facid):	4711
Interaction (Aka Env Int) Type Code:	CONSTGP
Interaction (Aka Env Int) Description:	Construction SW GP
Interaction Status:	A
Federal Program Indentifier:	WAR011205
Interaction Start Date:	05/28/2009

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Interaction End Date:	Not reported
prgm_facil:	FLAT STORAGE AREA
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

HSL:

edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	COWLITZ
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	29
Rank:	5
Region:	IN
EDR Link ID:	29

SWF/LF:

Facility ID:	2070
Region:	STATE
Permit Status:	PENDING
Date Closed:	Not reported
Contact Organization:	Not reported
Contact Address1:	Not reported
Contact Address2:	Not reported
Contact City:	Not reported
Contact State:	Not reported
Contact Postal:	Not reported
Contact EMail:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	Not reported
Operator Name:	Not reported
Operator Organization:	Not reported
EMail:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Type:	RECYCLING FACILITY
Contact Name:	Not reported
Contact Title:	Not reported
Activity1:	RECYCLING (EXEMPT)

Facility ID:	2070
Region:	STATE
Permit Status:	PENDING
Date Closed:	Not reported
Contact Organization:	Not reported
Contact Address1:	Not reported
Contact Address2:	Not reported
Contact City:	Not reported
Contact State:	Not reported
Contact Postal:	Not reported
Contact EMail:	Not reported
Contact Phone:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Contact Phone Ext:	Not reported
Permit No:	Not reported
Phone:	Not reported
Operator Name:	Not reported
Operator Organization:	Not reported
EMail:	Not reported
Recycle Survey Code:	Not reported
Ownership:	PRIVATE
Type:	RECYCLING FACILITY
Contact Name:	Not reported
Contact Title:	Not reported
Activity1:	INTERMEDIATE SOLID WASTE HANDLING FACILITY

LUST:

Facility ID:	29
Facility Status:	Awaiting Cleanup
Cleanup Site ID:	11796
Cleanup Unit Type:	Upland
Process Type:	Independent Action
Alternate Name:	LONGVIEW ALUMINUM LLC
Release Status Date:	11/05/2004
Site Response Unit Code:	Industrial
Lat/Long:	46.14146 / -122.99635

WA MANIFEST:

Facility Site ID Number:	29
SWC Desc:	WP02, WT01, WP03,Oregon State waste code X002
FWC Desc:	K088
Form Comm:	Not reported
Data Year:	2013
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD057068561

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Address 2:	Not reported
TAX REG NBR:	603041787
NAICS CD:	488320
BUSINESS TYPE:	Marine Cargo Handling
MAIL NAME:	Millennium Bulk Terminal Longview LLC
MAIL ADDR LINE1:	PO Box 2098
MAIL CITY,ST,ZIP:	LONGVIEW, WA 98632
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Millennium Bulk Terminal Longview LLC
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 2098
LEGAL CITY,ST,ZIP:	LONGVIEW, WA 98632
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	360-425-2800
LEGAL EFFECTIVE DATE:	01/11/2011
LAND ORG NAME:	Northwest Alloys
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	201 Isabella St
LAND CITY,ST,ZIP:	PITTSBURGH, PA 15212-5858
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(412)553-4545
OPERATOR ORG NAME:	Millennium Bulk Terminal Longview LLC
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 2098
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	360 425-2800
OPERATOR EFFECTIVE DATE:	01/11/2011
SITE CONTACT NAME:	Kristin Gaines
SITE CONTACT ADDR LINE1:	PO Box 2098
SITE CONTACT ZIP:	Longview, WA 98632
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	360 425-2800
SITE CONTACT EMAIL:	K.Gaines@millenniumbulk.com
FORM CONTACT NAME:	Kristin Gaines
FORM CONTACT ADDR LINE1:	PO Box 2098
FORM CONTACT CITY,ST,ZIP:	Longview, WA 98632
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	360 425-2800
FORM CONTACT EMAIL:	K.Gaines@millenniumbulk.com
GEN STATUS CD:	MQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	True
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility Site ID Number:	29
SWC Desc:	WT01, WP03
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD057068561
Facility Address 2:	Not reported
TAX REG NBR:	602456735
NAICS CD:	493110
BUSINESS TYPE:	warehousing
MAIL NAME:	Chinook Ventures
MAIL ADDR LINE1:	PO Box 293
MAIL CITY,ST,ZIP:	LONGVIEW, WA 98632
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Chinook Ventures
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 293
LEGAL CITY,ST,ZIP:	LONGVIEW, WA 98632
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	360-425-2800
LEGAL EFFECTIVE DATE:	12/01/2004
LAND ORG NAME:	Northwest Alloys
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	201 Isabella St
LAND CITY,ST,ZIP:	PITTSBURGH, PA 15212-5858
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(412)553-4545
OPERATOR ORG NAME:	Chinook Ventures Inc.
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 293
OPERATOR CITY,ST,ZIP:	Longview, WA 98632

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	360 425-2800
OPERATOR EFFECTIVE DATE:	12/01/2004
SITE CONTACT NAME:	Barry Oliver
SITE CONTACT ADDR LINE1:	PO Box 293
SITE CONTACT ZIP:	Longview, WA 98632
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	360 425-2800
SITE CONTACT EMAIL:	info@chinookventures.com
FORM CONTACT NAME:	Barry Oliver
FORM CONTACT ADDR LINE1:	PO Box 293
FORM CONTACT CITY,ST,ZIP:	Longview, WA 98632
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	360 425-2800
FORM CONTACT EMAIL:	info@chinookventures.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	29
SWC Desc:	WP03, WT01, Oregon State Code X007
FWC Desc:	D001, D002, D004, D005, D007, D008, D009, F003, F005
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WAD057068561
Facility Address 2:	Not reported
TAX REG NBR:	603041787
NAICS CD:	488310
BUSINESS TYPE:	warehousing
MAIL NAME:	Millennium Bulk Terminal Longview LLC
MAIL ADDR LINE1:	PO Box 2098
MAIL CITY,ST,ZIP:	LONGVIEW, WA 98632
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	Millennium Bulk Terminal Longview LLC
LEGAL ORG TYPE:	Private
LEGAL ADDR LINE1:	PO Box 2098
LEGAL CITY,ST,ZIP:	LONGVIEW, WA 98632
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	360-425-2800
LEGAL EFFECTIVE DATE:	01/11/2011
LAND ORG NAME:	Northwest Alloys
LAND ORG TYPE:	Private
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	201 Isabella St
LAND CITY,ST,ZIP:	PITTSBURGH, PA 15212-5858
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(412)553-4545
OPERATOR ORG NAME:	Millennium Bulk Terminal Longview LLC
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 2098
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	360 425-2800
OPERATOR EFFECTIVE DATE:	01/11/2011
SITE CONTACT NAME:	Kristin Gaines
SITE CONTACT ADDR LINE1:	PO Box 2098
SITE CONTACT ZIP:	Longview, WA 98632
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	360 425-2800
SITE CONTACT EMAIL:	K.Gaines@millenniumbulk.com
FORM CONTACT NAME:	Kristin Gaines
FORM CONTACT ADDR LINE1:	PO Box 2098
FORM CONTACT CITY,ST,ZIP:	Longview, WA 98632
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	360 425-2800
FORM CONTACT EMAIL:	K.Gaines@millenniumbulk.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

USED OIL TRANSPORTER: False
USED OIL TRANSFER FACLTY: False
USED OIL PROCESSOR: False
USED OIL REREFINER: False
USED OIL FUEL MRKTR DIRECTS SHPMNTS: False
USED OIL FUEL MRKTR MEETS SPECS: False

Facility Site ID Number: 29
SWC Desc: WT01, WP03, WP01 Oregon State Code X007, X002
FWC Desc: D001, D008
Form Comm: Not reported
Data Year: 2012
Permit by Rule: False
Treatment by Generator: False
Mixed radioactive waste: False
Importer of hazardous waste: False
Immediate recycler: False
Treatment/Storage/Disposal/Recycling Facility: False
Generator of dangerous fuel waste: False
Generator marketing to burner: False
"Other marketers (i.e., blender, distributor, etc.)": False
Utility boiler burner: False
Industry boiler burner: False
Industrial Furnace: False
Smelter defferal: False
Universal waste - batteries - generate: False
Universal waste - thermostats - generate: False
Universal waste - mercury - generate: False
Universal waste - lamps - generate: False
Universal waste - batteries - accumulate: False
Universal waste - thermostats - accumulate: False
Universal waste - mercury - accumulate: False
Universal waste - lamps - accumulate: False
Destination Facility for Universal Waste: False
Off-specification used oil burner - utility boiler: False
Off-specification used oil burner - industrial boiler: False
Off-specification used oil burner - industrial furnace: False
EPA ID: WAD057068561
Facility Address 2: Not reported
TAX REG NBR: 603041787
NAICS CD: 488320
BUSINESS TYPE: Marine Cargo Handling
MAIL NAME: Millennium Bulk Terminal Longview LLC
MAIL ADDR LINE1: PO Box 2098
MAIL CITY,ST,ZIP: LONGVIEW, WA 98632
MAIL COUNTRY: UNITED STATES
LEGAL ORG NAME: Millennium Bulk Terminal Longview LLC
LEGAL ORG TYPE: Private
LEGAL ADDR LINE1: PO Box 2098
LEGAL CITY,ST,ZIP: LONGVIEW, WA 98632
LEGAL COUNTRY: UNITED STATES
LEGAL PHONE NBR: 360-425-2800
LEGAL EFFECTIVE DATE: 01/11/2011
LAND ORG NAME: Northwest Alloys
LAND ORG TYPE: Private
LAND PERSON NAME: Not reported
LAND ADDR LINE1: 201 Isabella St

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

LAND CITY,ST,ZIP:	PITTSBURGH, PA 15212-5858
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(412)553-4545
OPERATOR ORG NAME:	Millennium Bulk Terminal Longview LLC
OPERATOR ORG TYPE:	Private
OPERATOR ADDR LINE1:	PO Box 2098
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	360 425-2800
OPERATOR EFFECTIVE DATE:	01/11/2011
SITE CONTACT NAME:	Kristin Gaines
SITE CONTACT ADDR LINE1:	PO Box 2098
SITE CONTACT ZIP:	Longview, WA 98632
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	360 425-2800
SITE CONTACT EMAIL:	K.Gaines@millenniumbulk.com
FORM CONTACT NAME:	Kristin Gaines
FORM CONTACT ADDR LINE1:	PO Box 2098
FORM CONTACT CITY,ST,ZIP:	Longview, WA 98632
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	360 425-2800
FORM CONTACT EMAIL:	K.Gaines@millenniumbulk.com
GEN STATUS CD:	LQG
MONTHLY GENERATION:	True
BATCH GENERATION:	False
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

SPILLS:

Facility ID:	618289
Medium:	SURFACE WATER-FRESH
Material Desc:	PETROLEUM - HYDRAULIC OIL
Material Qty:	5
Material Units:	GALLON
Date Received:	02/24/2010
Contact Name:	Milton
Incident Date:	Not reported

Facility ID:	610791
Medium:	SURFACE WATER-FRESH
Material Desc:	PETROLEUM - OIL OTHER
Material Qty:	Not reported
Material Units:	POUND
Date Received:	01/30/2009
Contact Name:	Not reported
Incident Date:	Not reported

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Facility ID: 551519
Medium: Not reported
Material Desc: PETROLEUM - DIESEL FUEL
Material Qty: 60
Material Units: GALLON
Date Received: 10/31/2005
Contact Name: Not reported
Incident Date: Not reported

Facility ID: 647225
Medium: SURFACE WATER-FRESH
Material Desc: CHEMICAL
Material Qty: Not reported
Material Units: UNKNOWN
Date Received: Not reported
Contact Name: Oliver
Incident Date: Not reported

Facility ID: 647225
Medium: SURFACE WATER-FRESH
Material Desc: CHEMICAL
Material Qty: Not reported
Material Units: UNKNOWN
Date Received: 03/04/2014
Contact Name: Oliver
Incident Date: Not reported

Facility ID: 543413
Medium: Not reported
Material Desc: CHEMICAL
Material Qty: 300
Material Units: GALLON
Date Received: 09/09/2004
Contact Name: Not reported
Incident Date: Not reported

ICR:
Date Ecology Received Report: 07/27/90
Contaminants Found at Site: PCB's
Media Contaminated: Soil, Sediment
Waste Management: Spill
Region: South Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 90-13
County Code: 8
Contact: Not reported
Report Title: Not reported

NPDES:
Facility Status: Active
Facility Type: Industrial NPDES IP
Admin Region: Industrial
Date Issued: 10/15/1990
Latitude: 46.14146000
Longitude: -122.996350
Permit ID: WA0000086

REYNOLDS METALS ALUMINUM SMELTER (Continued) **S103508848**

Permit Version:	1
Permit Status:	Active
Permit SubStatus:	Extended
Ecology Contact:	Judy Schwieters
WRIA:	Grays-Elochoman
Permit Expiration Date:	10/31/1995
Effective Date:	10/15/1990
Days to Expiration:	-6884

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9 **US DOE BPA LONGVIEW SUBSTATI** **RCRA-CESQG 1000332325**
3600 INDUSTRIAL WAY **FINDS WA7891406343**
LONGVIEW, WA 98632 **WA MANIFEST**

RCRA-CESQG:

Date form received by agency:	02/23/2012
Facility name:	US DOE BPA LONGVIEW SUBSTATI
Facility address:	3600 INDUSTRIAL WAY LONGVIEW, WA 98632
EPA ID:	WA7891406343
Mailing address:	5240 TROSPER ST SW TUMWATER, WA 98512
Contact:	GREG TIPPETTS
Contact address:	5240 TROSPER ST SW TUMWATER, WA 98512
Contact country:	US
Contact telephone:	360 5704338
Contact email:	GPTIPPETTS@BPA.GOV
EPA Region:	10
Land type:	Federal
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	DAVE F
Owner/operator address:	LONGVIEW MAINTENANCE HQ 3750 MEMORIAL PARK DRIVE LONGVIEW, WA 98632
Owner/operator country:	US
Owner/operator telephone:	(360)414-1306
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	08/05/1996
Owner/Op end date:	Not reported
Owner/operator name:	US DOE BONNEVILLE POWER ADMINISTRATION

US DOE BPA LONGVIEW SUBSTATI (Continued) **1000332325**

Owner/operator address: 5240 TROSPER RD SW
TUMWATER, 98512
Owner/operator country: US
Owner/operator telephone: (360) 414-1306
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 03/30/1998
Owner/Op end date: Not reported

Owner/operator name: US DOE BONNEVILLE POWER ADMINISTRATION
Owner/operator address: LONGVIEW MAINTENANCE HQ 3750 MEMORIAL PARK DRIVE
LONGVIEW, WA 98632
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 08/05/1996
Owner/Op end date: Not reported

Owner/operator name: US DOE BONNEVILLE POWER ADMINISTRATION
Owner/operator address: LONGVIEW MAINTENANCE HQ 3750 MEMORIAL PARK DRIVE
LONGVIEW, 98632
Owner/operator country: US
Owner/operator telephone: (360) 414-1306
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 08/05/1996
Owner/Op end date: Not reported

Owner/operator name: US DOE BONNEVIL U
Owner/operator address: 5240 TROSPER RD SW
TUMWATER, WA 98512
Owner/operator country: US
Owner/operator telephone: (360)414-1306
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/30/1998
Owner/Op end date: Not reported

Owner/operator name: US DOE BONNEVILLE POWER ADMINISTRATION
Owner/operator address: 5240 TROSPER RD SW
OLYMPIA, WA 98512
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 03/30/1998
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

US DOE BPA LONGVIEW SUBSTATI (Continued) **1000332325**

Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency: 02/28/2011
Site name: US DOE BPA LONGVIEW SUBSTATI
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/26/2010
Site name: US DOE BPA LONGVIEW SUBSTATI
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 12/31/2007
Site name: US DOE BPA LONGVIEW SUBSTATI
Classification: Not a generator, verified

Date form received by agency: 12/31/2005
Site name: US DOE BPA LONGVIEW SUBSTATI
Classification: Not a generator, verified

Date form received by agency: 12/31/2003
Site name: US DOE BPA LONGVIEW SUBSTATI
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: WSQG
Waste name: A placeholder to allow BR submission to validate. In WA State, Conditionally Exempt Small Quantity Generators (Called SQG in WA) are not required to report waste streams, so no valid State or Fed codes are available for reporting to BR.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 02/12/1997
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005310181

Environmental Interest/Information System

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

US DOE BPA LONGVIEW SUBSTATI (Continued) **1000332325**

Quality Programs.

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.

HAZARDOUS WASTE BIENNIAL REPORTER

WA MANIFEST:

Facility Site ID Number:	51229354
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2009
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WA7891406343
Facility Address 2:	Not reported
TAX REG NBR:	601319923
NAICS CD:	221121
BUSINESS TYPE:	Federal Electric Utility
MAIL NAME:	Bonneville Power Administration
MAIL ADDR LINE1:	5240 TROSPER ST SW
MAIL CITY,ST,ZIP:	Tumwater, WA 98512
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	US DOE Bonneville Power Administration
LEGAL ORG TYPE:	Federal
LEGAL ADDR LINE1:	5240 TROSPER RD SW
LEGAL CITY,ST,ZIP:	Tumwater, WA 98512
LEGAL COUNTRY:	UNITED STATES

US DOE BPA LONGVIEW SUBSTATI (Continued) **1000332325**

LEGAL PHONE NBR:	(360) 414-1306
LEGAL EFFECTIVE DATE:	03/30/1998
LAND ORG NAME:	US DOE Bonneville Power Administration
LAND ORG TYPE:	Federal
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	5240 TROSPER RD SW
LAND CITY,ST,ZIP:	Tumwater, WA 98512
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(360) 414-1306
OPERATOR ORG NAME:	US DOE Bonneville Power Administration
OPERATOR ORG TYPE:	Federal
OPERATOR ADDR LINE1:	Longview Maintenance HQ
OPERATOR ADDR LINE2:	3750 Memorial Park Drive
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(360) 414-1306
OPERATOR EFFECTIVE DATE:	08/05/1996
SITE CONTACT NAME:	Greg Tippetts
SITE CONTACT ADDR LINE1:	5240 TROSPER ST SW
SITE CONTACT ZIP:	Tumwater, WA 98512
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(360) 570-4338
SITE CONTACT EMAIL:	gptippetts@bpa.gov
FORM CONTACT NAME:	Greg Tippetts
FORM CONTACT ADDR LINE1:	5240 TROSPER ST SW
FORM CONTACT CITY,ST,ZIP:	Tumwater, WA 98512
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(360) 570-4338
FORM CONTACT EMAIL:	gptippetts@bpa.gov
GEN STATUS CD:	SQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	True
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	51229354
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	FALSE
Treatment by Generator:	FALSE
Mixed radioactive waste:	FALSE
Importer of hazardous waste:	FALSE
Immediate recycler:	FALSE
Treatment/Storage/Disposal/Recycling Facility:	FALSE

US DOE BPA LONGVIEW SUBSTATI (Continued) **1000332325**

Generator of dangerous fuel waste:	FALSE
Generator marketing to burner:	FALSE
"Other marketers (i.e., blender, distributor, etc.)":	FALSE
Utility boiler burner:	FALSE
Industry boiler burner:	FALSE
Industrial Furnace:	FALSE
Smelter defferal:	FALSE
Universal waste - batteries - generate:	FALSE
Universal waste - thermostats - generate:	FALSE
Universal waste - mercury - generate:	FALSE
Universal waste - lamps - generate:	FALSE
Universal waste - batteries - accumulate:	FALSE
Universal waste - thermostats - accumulate:	FALSE
Universal waste - mercury - accumulate:	FALSE
Universal waste - lamps - accumulate:	FALSE
Destination Facility for Universal Waste:	FALSE
Off-specification used oil burner - utility boiler:	FALSE
Off-specification used oil burner - industrial boiler:	FALSE
Off-specification used oil burner - industrial furnace:	FALSE
EPA ID:	WA7891406343
Facility Address 2:	Not reported
TAX REG NBR:	601319923
NAICS CD:	92119
BUSINESS TYPE:	Federal Electric Utility
MAIL NAME:	Bonneville Power Administration
MAIL ADDR LINE1:	5240 TROSPER ST SW
MAIL CITY,ST,ZIP:	OLYMPIA, WA 98512
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	US DOE Bonneville Power Administration
LEGAL ORG TYPE:	Federal
LEGAL ADDR LINE1:	5240 TROSPER RD SW
LEGAL CITY,ST,ZIP:	OLYMPIA, WA 98512
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(360) 570-4300
LEGAL EFFECTIVE DATE:	03/30/1998
LAND ORG NAME:	US DOE Bonneville Power Administration
LAND ORG TYPE:	Federal
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	5240 TROSPER RD SW
LAND CITY,ST,ZIP:	OLYMPIA, WA 98512
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(360) 570-4300
OPERATOR ORG NAME:	US DOE Bonneville Power Administration
OPERATOR ORG TYPE:	Federal
OPERATOR ADDR LINE1:	Longview Maintenance HQ
OPERATOR ADDR LINE2:	3750 Memorial Park Drive
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(360) 414-1306
OPERATOR EFFECTIVE DATE:	08/05/1996
SITE CONTACT NAME:	Greg Tippetts
SITE CONTACT ADDR LINE1:	5240 TROSPER ST SW
SITE CONTACT ZIP:	OLYMPIA, WA 98512
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(360) 570-4338
SITE CONTACT EMAIL:	gptippetts@bpa.gov
FORM CONTACT NAME:	Greg Tippetts

US DOE BPA LONGVIEW SUBSTATI (Continued) **1000332325**

FORM CONTACT ADDR LINE1:	5240 TROSPER ST SW
FORM CONTACT CITY,ST,ZIP:	OLYMPIA, WA 98512
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(360) 570-4338
FORM CONTACT EMAIL:	gptippetts@bpa.gov
GEN STATUS CD:	SQG
MONTHLY GENERATION:	FALSE
BATCH GENERATION:	FALSE
ONE TIME GENERATION:	TRUE
TRANSPORTS OWN WASTE:	FALSE
TRANSPORTS OTHRS WASTE:	FALSE
RECYCLER ONSITE:	FALSE
TRANSFER FACILITY:	FALSE
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	FALSE
USED OIL TRANSPORTER:	FALSE
USED OIL TRANSFER FACLTY:	FALSE
USED OIL PROCESSOR:	FALSE
USED OIL REREFINER:	FALSE
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	FALSE
USED OIL FUEL MRKTR MEETS SPECS:	FALSE

Facility Site ID Number:	51229354
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	Not reported
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WA7891406343
Facility Address 2:	Not reported
TAX REG NBR:	601319923
NAICS CD:	92119
BUSINESS TYPE:	Federal Electric Utility

US DOE BPA LONGVIEW SUBSTATI (Continued) **1000332325**

MAIL NAME:	Bonneville Power Administration
MAIL ADDR LINE1:	5240 TROSPER ST SW
MAIL CITY,ST,ZIP:	OLYMPIA, WA 98512
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	US DOE Bonneville Power Administration
LEGAL ORG TYPE:	Federal
LEGAL ADDR LINE1:	5240 TROSPER RD SW
LEGAL CITY,ST,ZIP:	OLYMPIA, WA 98512
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(360)570-4300
LEGAL EFFECTIVE DATE:	03/30/1998
LAND ORG NAME:	US DOE Bonneville Power Administration
LAND ORG TYPE:	Federal
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	5240 TROSPER RD SW
LAND CITY,ST,ZIP:	OLYMPIA, WA 98512
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(360)570-4300
OPERATOR ORG NAME:	US DOE Bonneville Power Administration
OPERATOR ORG TYPE:	Federal
OPERATOR ADDR LINE1:	Longview Maintenance HQ
OPERATOR ADDR LINE2:	3750 Memorial Park Drive
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(360)414-1306
OPERATOR EFFECTIVE DATE:	08/05/1996
SITE CONTACT NAME:	Greg Tippetts
SITE CONTACT ADDR LINE1:	5240 TROSPER ST SW
SITE CONTACT ZIP:	OLYMPIA, WA 98512
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(360)570-4338
SITE CONTACT EMAIL:	gptippetts@bpa.gov
FORM CONTACT NAME:	Greg Tippetts
FORM CONTACT ADDR LINE1:	5240 TROSPER ST SW
FORM CONTACT CITY,ST,ZIP:	OLYMPIA, WA 98512
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(360) 570-4338
FORM CONTACT EMAIL:	gptippetts@bpa.gov
GEN STATUS CD:	SQG
MONTHLY GENERATION:	False
BATCH GENERATION:	False
ONE TIME GENERATION:	True
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	51229354
SWC Desc:	Not reported

US DOE BPA LONGVIEW SUBSTATI (Continued) **1000332325**

FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2012
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False
Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WA7891406343
Facility Address 2:	Not reported
TAX REG NBR:	601319923
NAICS CD:	221121
BUSINESS TYPE:	Federal Electric Utility
MAIL NAME:	Bonneville Power Administration
MAIL ADDR LINE1:	5240 TROSPER ST SW
MAIL CITY,ST,ZIP:	Tumwater, WA 98512
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	US DOE Bonneville Power Administration
LEGAL ORG TYPE:	Federal
LEGAL ADDR LINE1:	5240 TROSPER RD SW
LEGAL CITY,ST,ZIP:	Tumwater, WA 98512
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(360) 414-1306
LEGAL EFFECTIVE DATE:	03/30/1998
LAND ORG NAME:	US DOE Bonneville Power Administration
LAND ORG TYPE:	Federal
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	5240 TROSPER RD SW
LAND CITY,ST,ZIP:	Tumwater, WA 98512
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(360) 414-1306
OPERATOR ORG NAME:	US DOE Bonneville Power Administration
OPERATOR ORG TYPE:	Federal
OPERATOR ADDR LINE1:	Longview Maintenance HQ
OPERATOR ADDR LINE2:	3750 Memorial Park Drive
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES

US DOE BPA LONGVIEW SUBSTATI (Continued) **1000332325**

OPERATOR PHONE NBR:	(360) 414-1306
OPERATOR EFFECTIVE DATE:	08/05/1996
SITE CONTACT NAME:	Greg Tippetts
SITE CONTACT ADDR LINE1:	5240 TROSPER ST SW
SITE CONTACT ZIP:	Tumwater, WA 98512
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(360) 570-4338
SITE CONTACT EMAIL:	gptippetts@bpa.gov
FORM CONTACT NAME:	Greg Tippetts
FORM CONTACT ADDR LINE1:	5240 TROSPER ST SW
FORM CONTACT CITY,ST,ZIP:	Tumwater, WA 98512
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(360) 570-4338
FORM CONTACT EMAIL:	gptippetts@bpa.gov
GEN STATUS CD:	SQG
MONTHLY GENERATION:	False
BATCH GENERATION:	True
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False
USED OIL TRANSPORTER:	False
USED OIL TRANSFER FACLTY:	False
USED OIL PROCESSOR:	False
USED OIL REREFINER:	False
USED OIL FUEL MRKTR DIRECTS SHPMNTS:	False
USED OIL FUEL MRKTR MEETS SPECS:	False

Facility Site ID Number:	51229354
SWC Desc:	Not reported
FWC Desc:	Not reported
Form Comm:	Not reported
Data Year:	2011
Permit by Rule:	False
Treatment by Generator:	False
Mixed radioactive waste:	False
Importer of hazardous waste:	False
Immediate recycler:	False
Treatment/Storage/Disposal/Recycling Facility:	False
Generator of dangerous fuel waste:	False
Generator marketing to burner:	False
"Other marketers (i.e., blender, distributor, etc.)":	False
Utility boiler burner:	False
Industry boiler burner:	False
Industrial Furnace:	False
Smelter defferal:	False
Universal waste - batteries - generate:	False
Universal waste - thermostats - generate:	False
Universal waste - mercury - generate:	False
Universal waste - lamps - generate:	False
Universal waste - batteries - accumulate:	False
Universal waste - thermostats - accumulate:	False
Universal waste - mercury - accumulate:	False
Universal waste - lamps - accumulate:	False

US DOE BPA LONGVIEW SUBSTATI (Continued) **1000332325**

Destination Facility for Universal Waste:	False
Off-specification used oil burner - utility boiler:	False
Off-specification used oil burner - industrial boiler:	False
Off-specification used oil burner - industrial furnace:	False
EPA ID:	WA7891406343
Facility Address 2:	Not reported
TAX REG NBR:	601319923
NAICS CD:	221121
BUSINESS TYPE:	Federal Electric Utility
MAIL NAME:	Bonneville Power Administration
MAIL ADDR LINE1:	5240 TROSPER ST SW
MAIL CITY,ST,ZIP:	Tumwater, WA 98512
MAIL COUNTRY:	UNITED STATES
LEGAL ORG NAME:	US DOE Bonneville Power Administration
LEGAL ORG TYPE:	Federal
LEGAL ADDR LINE1:	5240 TROSPER RD SW
LEGAL CITY,ST,ZIP:	Tumwater, WA 98512
LEGAL COUNTRY:	UNITED STATES
LEGAL PHONE NBR:	(360) 414-1306
LEGAL EFFECTIVE DATE:	03/30/1998
LAND ORG NAME:	US DOE Bonneville Power Administration
LAND ORG TYPE:	Federal
LAND PERSON NAME:	Not reported
LAND ADDR LINE1:	5240 TROSPER RD SW
LAND CITY,ST,ZIP:	Tumwater, WA 98512
LAND COUNTRY:	UNITED STATES
LAND PHONE NBR:	(360) 414-1306
OPERATOR ORG NAME:	US DOE Bonneville Power Administration
OPERATOR ORG TYPE:	Federal
OPERATOR ADDR LINE1:	Longview Maintenance HQ
OPERATOR ADDR LINE2:	3750 Memorial Park Drive
OPERATOR CITY,ST,ZIP:	Longview, WA 98632
OPERATOR COUNTRY:	UNITED STATES
OPERATOR PHONE NBR:	(360) 414-1306
OPERATOR EFFECTIVE DATE:	08/05/1996
SITE CONTACT NAME:	Greg Tippetts
SITE CONTACT ADDR LINE1:	5240 TROSPER ST SW
SITE CONTACT ZIP:	Tumwater, WA 98512
SITE CONTACT COUNTRY:	UNITED STATES
SITE CONTACT PHONE NBR:	(360) 570-4338
SITE CONTACT EMAIL:	gptippetts@bpa.gov
FORM CONTACT NAME:	Greg Tippetts
FORM CONTACT ADDR LINE1:	5240 TROSPER ST SW
FORM CONTACT CITY,ST,ZIP:	Tumwater, WA 98512
FORM CONTACT COUNTRY:	UNITED STATES
FORM CONTACT PHONE NBR:	(360) 570-4338
FORM CONTACT EMAIL:	gptippetts@bpa.gov
GEN STATUS CD:	SQG
MONTHLY GENERATION:	False
BATCH GENERATION:	True
ONE TIME GENERATION:	False
TRANSPORTS OWN WASTE:	False
TRANSPORTS OTHRS WASTE:	False
RECYCLER ONSITE:	False
TRANSFER FACILITY:	False
OTHER EXEMPTION:	Not reported
UW BATTERY GEN:	False

US DOE BPA LONGVIEW SUBSTATI (Continued) **1000332325**

USED OIL TRANSPORTER: False
USED OIL TRANSFER FACLTY: False
USED OIL PROCESSOR: False
USED OIL REREFINER: False
USED OIL FUEL MRKTR DIRECTS SHPMNTS: False
USED OIL FUEL MRKTR MEETS SPECS: False

Click this hyperlink while viewing on your computer to access
4 additional WA MANIFEST: record(s) in the EDR Site Report.

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9 BONNEVILLE POWER ADMIN **WA CSCSL S103505488**
3600 INDUSTRIAL WAY **WA HSL N/A**
LONGVIEW, WA 98632 **WA ALLSITES**
WA LUST
WA SPILLS
WA ICR

CSCSL:

Facility ID: 51229354
Region: Southwest
Lat/Long: 46.140155973 / -122.99332098
Brownfield Status: Not reported
Rank Status: 1
Clean Up Siteid: 9481
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Benzene
Ground Water: Confirmed Above Cleanup Level
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Headquarters

Facility ID: 51229354
Region: Southwest
Lat/Long: 46.140155973 / -122.99332098
Brownfield Status: Not reported
Rank Status: 1
Clean Up Siteid: 9481
Site Status: Cleanup Started
PSI?: Not reported
Contaminant Name: Other Non-Halogenated Organics
Ground Water: Suspected
Surface Water: Not reported
Soil: Suspected
Sediment: Not reported
Air: Not reported
Bedrock: Not reported
Responsible Unit: Headquarters

Facility ID: 51229354
Region: Southwest
Lat/Long: 46.140155973 / -122.99332098
Brownfield Status: Not reported
Rank Status: 1
Clean Up Siteid: 9481

BONNEVILLE POWER ADMIN (Continued) **S103505488**

Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Petroleum-Diesel
Ground Water:	Suspected
Surface Water:	Not reported
Soil:	Below MTCA Cleanup Level After Assessment
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

Facility ID:	51229354
Region:	Southwest
Lat/Long:	46.140155973 / -122.99332098
Brownfield Status:	Not reported
Rank Status:	1
Clean Up Siteid:	9481
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Petroleum-Gasoline
Ground Water:	Confirmed Above Cleanup Level
Surface Water:	Not reported
Soil:	Suspected
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Headquarters

HSL:

edr_fstat:	WA
edr_fzip:	Not reported
edr_fcnty:	COLUMBIA
edr_zip:	Not reported
Facility Type:	**Hazardous Sites List**
Facility Status:	Cleanup Started
FSID Number:	51229354
Rank:	1
Region:	HQ
EDR Link ID:	51229354

ALLSITES:

Facility Id:	51229354
Latitude:	46.1401559
Longitude:	-122.99332
Ecology Interest Type Code:	HWOTHER
Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WA7891406343
Date Interaction:	5/30/1984 0:00
Date Interaction 3:	5/16/1991 0:00

BONNEVILLE POWER ADMIN (Continued) **S103505488**

Facility ID: 51229354
Facility Company: US DOE BPA Longview Substati
Interaction: I
Interaction 1: LUST
Interaction 2: LUST Facility
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Not reported
Program ID: 2845
Date Interaction: 9/30/1992 0:00
Date Interaction 3: 9/30/1996 0:00

Facility ID: 51229354
Facility Company: US DOE BPA Longview Substati
Interaction: I
Interaction 1: HWP
Interaction 2: Hazardous Waste Planner
Ecology Program: HAZWASTE
Program Data: HWPPRT
Facility Alt.: Not reported
Program ID: WA7891406343
Date Interaction: 1/1/1995 0:00
Date Interaction 3: 12/31/1995 0:00

Facility ID: 51229354
Facility Company: US DOE BPA Longview Substati
Interaction: A
Interaction 1: HWG
Interaction 2: Hazardous Waste Generator
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: US DOE BPA Longview Substati
Program ID: WA7891406343
Date Interaction: 3/30/1998 0:00
Date Interaction 3: Not reported

Facility ID: 51229354
Facility Company: US DOE BPA Longview Substati
Interaction: A
Interaction 1: UST
Interaction 2: Underground Storage Tank
Ecology Program: TOXICS
Program Data: UST
Facility Alt.: Not reported
Program ID: Not reported
Date Interaction: 3/20/2000 0:00
Date Interaction 3: Not reported

Facility Id: 51229354
Latitude: 46.1401559
Longitude: -122.99332
Ecology Interest Type Code: UST
Facility ID: 51229354
Facility Company: US DOE BPA Longview Substati
Interaction: I
Interaction 1: HWG

BONNEVILLE POWER ADMIN (Continued) **S103505488**

Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WA7891406343
Date Interaction:	5/30/1984 0:00
Date Interaction 3:	5/16/1991 0:00
Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2845
Date Interaction:	9/30/1992 0:00
Date Interaction 3:	9/30/1996 0:00
Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WA7891406343
Date Interaction:	1/1/1995 0:00
Date Interaction 3:	12/31/1995 0:00
Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	US DOE BPA Longview Substati
Program ID:	WA7891406343
Date Interaction:	3/30/1998 0:00
Date Interaction 3:	Not reported
Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	A
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	Not reported

BONNEVILLE POWER ADMIN (Continued) **S103505488**

Facility Id:	51229354
Latitude:	46.1401559
Longitude:	-122.99332
Ecology Interest Type Code:	HWG
Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WA7891406343
Date Interaction:	5/30/1984 0:00
Date Interaction 3:	5/16/1991 0:00

Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2845
Date Interaction:	9/30/1992 0:00
Date Interaction 3:	9/30/1996 0:00

Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WA7891406343
Date Interaction:	1/1/1995 0:00
Date Interaction 3:	12/31/1995 0:00

Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	US DOE BPA Longview Substati
Program ID:	WA7891406343
Date Interaction:	3/30/1998 0:00
Date Interaction 3:	Not reported

Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	A
Interaction 1:	UST
Interaction 2:	Underground Storage Tank

BONNEVILLE POWER ADMIN (Continued) **S103505488**

Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	Not reported

Facility Id:	51229354
Latitude:	46.1401559
Longitude:	-122.99332
Ecology Interest Type Code:	HWP
Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	I
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	Not reported
Program ID:	WA7891406343
Date Interaction:	5/30/1984 0:00
Date Interaction 3:	5/16/1991 0:00

Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	I
Interaction 1:	LUST
Interaction 2:	LUST Facility
Ecology Program:	TOXICS
Program Data:	ISIS
Facility Alt.:	Not reported
Program ID:	2845
Date Interaction:	9/30/1992 0:00
Date Interaction 3:	9/30/1996 0:00

Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	I
Interaction 1:	HWP
Interaction 2:	Hazardous Waste Planner
Ecology Program:	HAZWASTE
Program Data:	HWPPRT
Facility Alt.:	Not reported
Program ID:	WA7891406343
Date Interaction:	1/1/1995 0:00
Date Interaction 3:	12/31/1995 0:00

Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	US DOE BPA Longview Substati
Program ID:	WA7891406343

BONNEVILLE POWER ADMIN (Continued) **S103505488**

Date Interaction: 3/30/1998 0:00
Date Interaction 3: Not reported

Facility ID: 51229354
Facility Company: US DOE BPA Longview Substati
Interaction: A
Interaction 1: UST
Interaction 2: Underground Storage Tank
Ecology Program: TOXICS
Program Data: UST
Facility Alt.: Not reported
Program ID: Not reported
Date Interaction: 3/20/2000 0:00
Date Interaction 3: Not reported

Facility Id: 51229354
Latitude: 46.1401559
Longitude: -122.99332
Ecology Interest Type Code: LUST
Facility ID: 51229354
Facility Company: US DOE BPA Longview Substati
Interaction: I
Interaction 1: HWG
Interaction 2: Hazardous Waste Generator
Ecology Program: HAZWASTE
Program Data: TURBOWASTE
Facility Alt.: Not reported
Program ID: WA7891406343
Date Interaction: 5/30/1984 0:00
Date Interaction 3: 5/16/1991 0:00

Facility ID: 51229354
Facility Company: US DOE BPA Longview Substati
Interaction: I
Interaction 1: LUST
Interaction 2: LUST Facility
Ecology Program: TOXICS
Program Data: ISIS
Facility Alt.: Not reported
Program ID: 2845
Date Interaction: 9/30/1992 0:00
Date Interaction 3: 9/30/1996 0:00

Facility ID: 51229354
Facility Company: US DOE BPA Longview Substati
Interaction: I
Interaction 1: HWP
Interaction 2: Hazardous Waste Planner
Ecology Program: HAZWASTE
Program Data: HWPPRT
Facility Alt.: Not reported
Program ID: WA7891406343
Date Interaction: 1/1/1995 0:00
Date Interaction 3: 12/31/1995 0:00

Facility ID: 51229354

BONNEVILLE POWER ADMIN (Continued) **S103505488**

Facility Company:	US DOE BPA Longview Substati
Interaction:	A
Interaction 1:	HWG
Interaction 2:	Hazardous Waste Generator
Ecology Program:	HAZWASTE
Program Data:	TURBOWASTE
Facility Alt.:	US DOE BPA Longview Substati
Program ID:	WA7891406343
Date Interaction:	3/30/1998 0:00
Date Interaction 3:	Not reported

Facility ID:	51229354
Facility Company:	US DOE BPA Longview Substati
Interaction:	A
Interaction 1:	UST
Interaction 2:	Underground Storage Tank
Ecology Program:	TOXICS
Program Data:	UST
Facility Alt.:	Not reported
Program ID:	Not reported
Date Interaction:	3/20/2000 0:00
Date Interaction 3:	Not reported

LUST:

Facility ID:	51229354
Facility Status:	RCU
Cleanup Site ID:	9481
Cleanup Unit Type:	Upland
Process Type:	No Process
Alternate Name:	BONNEVILLE POWER ADMIN
Release Status Date:	10/01/1996
Site Response Unit Code:	Headquarters
Lat/Long:	46.1401559 / -122.99332

Facility ID:	51229354
Facility Status:	Cleanup Started
Cleanup Site ID:	9481
Cleanup Unit Type:	Upland
Process Type:	No Process
Alternate Name:	BONNEVILLE POWER ADMIN
Release Status Date:	03/11/2013
Site Response Unit Code:	Headquarters
Lat/Long:	46.1401559 / -122.99332

Facility ID:	51229354
Facility Status:	Monitoring
Cleanup Site ID:	9481
Cleanup Unit Type:	Upland
Process Type:	No Process
Alternate Name:	BONNEVILLE POWER ADMIN
Release Status Date:	12/06/1993
Site Response Unit Code:	Headquarters
Lat/Long:	46.1401559 / -122.99332

Facility ID:	51229354
Facility Status:	Cleanup Started

BONNEVILLE POWER ADMIN (Continued) **S103505488**

Cleanup Site ID: 9481
Cleanup Unit Type: Upland
Process Type: No Process
Alternate Name: BONNEVILLE POWER ADMIN
Release Status Date: 09/30/1996
Site Response Unit Code: Headquarters
Lat/Long: 46.1401559 / -122.99332

Facility ID: 51229354
Facility Status: Awaiting Cleanup
Cleanup Site ID: 9481
Cleanup Unit Type: Upland
Process Type: No Process
Alternate Name: BONNEVILLE POWER ADMIN
Release Status Date: 09/30/1996
Site Response Unit Code: Headquarters
Lat/Long: 46.1401559 / -122.99332

SPILLS:
Facility ID: 528613
Medium: Not reported
Material Desc: WASTE WATER
Material Qty: 500
Material Units: GALLON
Date Received: 08/23/2002
Contact Name: STRATON
Incident Date: Not reported

Facility ID: 545813
Medium: Not reported
Material Desc: TRANSFORMER OIL
Material Qty: Not reported
Material Units: Not reported
Date Received: 01/19/2005
Contact Name: Not reported
Incident Date: Not reported

ICR:
Date Ecology Received Report: 02/01/93
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 92-43
County Code: 8
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/10/94
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-35

BONNEVILLE POWER ADMIN (Continued) **S103505488**

County Code: 8
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 01/25/95
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-43
County Code: 8
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/13/94
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 93-51
County Code: 8
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 04/05/96
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-27
County Code: 8
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 07/10/96
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-32
County Code: 8
Contact: Not reported
Report Title: Not reported

Date Ecology Received Report: 10/10/96
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Interim cleanup report
Site Register Issue: 94-38
County Code: 8
Contact: Not reported

BONNEVILLE POWER ADMIN (Continued) **S103505488**

Report Title: Not reported

Date Ecology Received Report: 09/23/96
Contaminants Found at Site: Petroleum products
Media Contaminated: Groundwater, Soil
Waste Management: Tank
Region: South Western
Type of Report Ecology Received: Final cleanup report
Site Register Issue: 94-43
County Code: 8
Contact: Not reported
Report Title: Not reported

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10 **COWLITZ PUD PACIFIC WAY SUBSTATION** **WA ALLSITES** **S116506064**
2288 DIKE RD **N/A**
LONGVIEW, WA 98632

ALLSITES:
Facility Id: 8132
Latitude: 46.178411
Longitude: -123.00397
Ecology Interest Type Code: TIER2

---

11 **WEYERHAEUSER LONGVIEW WASTE LIQUOR POND** **WA ALLSITES** **S109556234**
N/A

LONGVIEW, WA 98632

ALLSITES:
Facility Id: 98542613
Latitude: 46.135564
Longitude: -122.98906
Ecology Interest Type Code: DAM
Facility ID: 98542613
Facility Company: Weyerhaeuser Longview Waste Liquor Pond
Interaction: A
Interaction 1: DAM
Interaction 2: Dam Site
Ecology Program: WATRES
Program Data: DSS
Facility Alt.: Not reported
Program ID: Not reported
Date Interaction: 5/26/1999 0:00
Date Interaction 3: Not reported

12 **REYNOLDS ALUMINUM DIESEL TANK CLEANUP** **WA ICR** **S103508849**
REYNOLDS METALS COMPANY - INDUSTRIAL WAY **N/A**
LONGVIEW, WA 98632

ICR:

Date Ecology Received Report:	10/07/91
Contaminants Found at Site:	Petroleum products
Media Contaminated:	Groundwater, Soil
Waste Management:	Above ground tank
Region:	South Western
Type of Report Ecology Received:	Interim cleanup report
Site Register Issue:	92-08
County Code:	8
Contact:	Not reported
Report Title:	Not reported

---

13 **COWLITZ PUD WEYCO 4 CHEMICAL SUBSTATION** **WA CSCSL** **S103084093**
3535 INDUSTRIAL WAY **WA ALLSITES** **N/A**
LONGVIEW, WA 98632 **WA HSL**

CSCSL:

Facility ID:	28
Region:	Southwest
Lat/Long:	46.13172487 / -122.97848927
Brownfield Status:	Not reported
Rank Status:	1
Clean Up Siteid:	2272
Site Status:	Cleanup Started
PSI?:	Not reported
Contaminant Name:	Metals Priority Pollutants
Ground Water:	Confirmed Above Cleanup Level
Surface Water:	Not reported
Soil:	Confirmed Above Cleanup Level
Sediment:	Not reported
Air:	Not reported
Bedrock:	Not reported
Responsible Unit:	Southwest

ALLSITES:

Facility Id:	9728
Latitude:	46.13475
Longitude:	-122.98481
Ecology Interest Type Code:	TIER2

Facility Id:	17383
Latitude:	46.13475
Longitude:	-122.98481
Ecology Interest Type Code:	TIER2

Facility Id:	28
Latitude:	46.1317248
Longitude:	-122.97848
Ecology Interest Type Code:	SCS
Facility ID:	28
Facility Company:	WEYERHAEUSER CO HG CHLOR ALK
Interaction:	A
Interaction 1:	SCS
Interaction 2:	State Cleanup Site
Ecology Program:	TOXICS

COWLITZ PUD WEYCO 4 CHEMICAL SUBSTATION (Continued) **S103084093**

Program Data:	ISIS
Facility Alt.:	WEYERHAEUSER CO HG CHLOR ALK
Program ID:	Not reported
Date Interaction:	1/31/1996 0:00
Date Interaction 3:	Not reported
Facility ID:	28
Facility Company:	WEYERHAEUSER CO HG CHLOR ALK
Interaction:	A
Interaction 1:	INDUSTIP
Interaction 2:	Industrial NPDES IP
Ecology Program:	WATQUAL
Program Data:	PARIS
Facility Alt.:	WEYERHAEUSER LONGVIEW
Program ID:	WA0000124
Date Interaction:	5/10/1991 0:00
Date Interaction 3:	Not reported
Facility/Site Interaction T:	203
Geographic Location Identifier (Alias Facid):	28
Interaction (Aka Env Int) Type Code:	SCS
Interaction (Aka Env Int) Description:	State Cleanup Site
Interaction Status:	A
Federal Program Indentifier:	Not reported
Interaction Start Date:	01/31/1996
Interaction End Date:	Not reported
prgm_facil:	WEYERHAEUSER CO HG CHLOR ALK
cur_sys_pr:	TOXICS
cur_sys_nm:	ISIS
Facility/Site Interaction T:	80856
Geographic Location Identifier (Alias Facid):	28
Interaction (Aka Env Int) Type Code:	INDUSTIP
Interaction (Aka Env Int) Description:	Industrial IP
Interaction Status:	A
Federal Program Indentifier:	WA0000124
Interaction Start Date:	05/10/1991
Interaction End Date:	Not reported
prgm_facil:	WEYERHAEUSER LONGVIEW
cur_sys_pr:	WATQUAL
cur_sys_nm:	PARIS

Facility Id:	8334411
Latitude:	46.1350922
Longitude:	-122.97728
Ecology Interest Type Code:	TIER2
Facility ID:	8334411
Facility Company:	COWLITZ PUD CYPRESS STATION
Interaction:	A
Interaction 1:	AQLA
Interaction 2:	Air Qual Local Authority Reg
Ecology Program:	AIRQUAL
Program Data:	AIRSIS
Facility Alt.:	Not reported
Program ID:	E0150160
Date Interaction:	1/1/2001 0:00

COWLITZ PUD WEYCO 4 CHEMICAL SUBSTATION (Continued) **S103084093**

Date Interaction 3: Not reported

Facility Id: 8334411
Latitude: 46.1350922
Longitude: -122.97728
Ecology Interest Type Code: AQLA
Facility ID: 8334411
Facility Company: COWLITZ PUD CYPRESS STATION
Interaction: A
Interaction 1: AQLA
Interaction 2: Air Qual Local Authority Reg
Ecology Program: AIRQUAL
Program Data: AIRSIS
Facility Alt.: Not reported
Program ID: E0150160
Date Interaction: 1/1/2001 0:00
Date Interaction 3: Not reported

Facility Id: 17526
Latitude: 46.13475
Longitude: -122.98481
Ecology Interest Type Code: TIER2

Facility Id: 17690
Latitude: 46.13475
Longitude: -122.98481
Ecology Interest Type Code: TIER2

Facility Id: 22241
Latitude: 46.13475
Longitude: -122.98481
Ecology Interest Type Code: TIER2

HSL:
edr_fstat: WA
edr_fzip: Not reported
edr_fcnty: COWLITZ
edr_zip: Not reported
Facility Type: Hazardous Sites List
Facility Status: Cleanup Started
FSID Number: 28
Rank: 1
Region: SW
EDR Link ID: 28

Count: 10 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LONGVIEW	1015751886	WA DOT LEWIS & CLARK BRIDGE	SR 433 MP 0.54 TO 0.5 BRIDGE	98632	RCRA NonGen / NLR
LONGVIEW	S116753630	DEPARTMENT OF ECOLOGY MEMERIOL PARK	MEMORIAL PARK DR N46.14867 W122.99847	98632	WA ALLSITES
LONGVIEW	1003880429	OSTRANDER ROCK	OCEAN BEACH HWY	98632	CERC-NFRAP
LONGVIEW	S115330251	WASTE CONTROL RECYCLING	WILLOW GROVE RD, JUST OFF OCEAN BEACH HWY	98632	WA SWRCY
RAINIER	U003115488	RAINIER SAWMILL (ABANDONED)	HWY 30 LEWIS AND CLARK BRIDGE	97048	OR UST
RAINIER	1009463103	FORMER FORT JAMES-RAINIER SAWMILL	HWY 30 & DIKE RD INTERSECTION	97048	CERC-NFRAP
RAINIER	U003115432	RAINIER SAWMILL(JAMES RIVER PAPER CO.)	HWY 30 LEWIS AND CLARK BRIDGE	97048	OR LUST, OR UST
RAINIER	S109608249	USCG USS WESHTENAW LST 1166	BEHIND LORD ISLAND AT DIBLEE DIKE	97048	OR MANIFEST
RAINIER	1014236898	LST-1166	COLUMBIA RIVER, RIVER MILE 63	97048	CERCLIS
RAINIER	1007148158	PORTLAND WESTERN RAILROAD - RAINER	T7N/R2W/S26	97048	FINDS, OR ECSI

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: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
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: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
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: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 08/28/2014
Next Scheduled EDR Contact: 12/08/2014
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: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 08/28/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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. 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). 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.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

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. 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). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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. 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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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. 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.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

RCRA NonGen / NLR: RCRA - Non Generators

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. 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (206) 553-1200
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
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: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

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: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
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: 06/30/2014
Date Data Arrived at EDR: 07/01/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 79

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/06/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

US 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: 07/25/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 41

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/22/2014
Date Data Arrived at EDR: 09/23/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/23/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Semi-Annually

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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/15/2014
Next Scheduled EDR Contact: 01/26/2015
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: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

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: 08/29/2014
Date Data Arrived at EDR: 10/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 11

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Varies

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: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/09/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Annually

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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US 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: 01/30/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 132

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

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: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/29/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/26/2014
Next Scheduled EDR Contact: 01/05/2015
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: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

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

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/06/2014
Date Data Arrived at EDR: 05/16/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/15/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Quarterly

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: 10/07/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

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: 08/16/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: EPA
Telephone: (206) 553-1200
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
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: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 05/23/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/29/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Biennially

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/04/2014
Date Data Arrived at EDR: 09/04/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/14/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Varies

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 10/07/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/07/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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: 07/25/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 41

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: No Update Planned

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/15/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 46
Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36
Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List
The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/15/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Varies

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/20/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/17/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

STATE AND LOCAL RECORDS

WA CSCSL: Confirmed and 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: 07/21/2014
Date Data Arrived at EDR: 07/22/2014
Date Made Active in Reports: 08/27/2014
Number of Days to Update: 36
Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 10/23/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Semi-Annually

OR ECSI: Environmental Cleanup Site Information System
Sites that are or may be contaminated and may require cleanup.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 07/08/2014
Date Made Active in Reports: 08/18/2014
Number of Days to Update: 41
Source: Department of Environmental Quality
Telephone: 503-229-6629
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

WA 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: 08/27/2014
Date Data Arrived at EDR: 09/16/2014
Date Made Active in Reports: 10/13/2014
Number of Days to Update: 27
Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 09/09/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Semi-Annually

WA ALLSITES: Facility/Site Identification System Listing
Information on facilities and sites of interest to the Department of Ecology.

Date of Government Version: 08/06/2014
Date Data Arrived at EDR: 08/07/2014
Date Made Active in Reports: 08/27/2014
Number of Days to Update: 20
Source: Department of Ecology
Telephone: 360-407-6423
Last EDR Contact: 09/01/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Quarterly

OR CRL: Confirmed Release List and Inventory
All facilities with a confirmed release.

Date of Government Version: 08/18/2014
Date Data Arrived at EDR: 08/20/2014
Date Made Active in Reports: 09/10/2014
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 503-229-6170
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Quarterly

WA CSCSL NFA: Confirmed and Contaminated Sites - No Further Action
This report contains information about sites that are undergoing cleanup and sites that are awaiting further investigation and/or cleanup. Sites on the Hazardous Sites List (see above) are included in this data set.

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 07/22/2014
Date Made Active in Reports: 08/27/2014
Number of Days to Update: 36

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 10/21/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Semi-Annually

WA 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: 09/10/2014
Date Data Arrived at EDR: 09/11/2014
Date Made Active in Reports: 10/13/2014
Number of Days to Update: 32

Source: Department of Ecology
Telephone: 360-407-6132
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Annually

OR SWF/LF: Solid Waste Facilities List
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: 05/28/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 06/19/2014
Number of Days to Update: 20

Source: Department of Environmental Quality
Telephone: 503-229-6299
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Semi-Annually

WA UIC: Underground Injection Wells Listing
A listing of underground injection wells.

Date of Government Version: 08/18/2014
Date Data Arrived at EDR: 08/20/2014
Date Made Active in Reports: 09/08/2014
Number of Days to Update: 19

Source: Department of Ecology
Telephone: 360-407-6143
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Varies

OR UIC: Underground Injection Control Program Database
DEQ's Underground Injection Control Program is authorized by the Environmental Protection Agency (EPA) to regulate all underground injection in Oregon to protect groundwater resources.

Date of Government Version: 07/03/2014
Date Data Arrived at EDR: 07/07/2014
Date Made Active in Reports: 08/18/2014
Number of Days to Update: 42

Source: Department of Environmental Quality
Telephone: 503-229-5945
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

WA SWRCY: Recycling Facility List
A llisting of recycling center locations.

Date of Government Version: 07/14/2014
Date Data Arrived at EDR: 07/31/2014
Date Made Active in Reports: 08/29/2014
Number of Days to Update: 29

Source: Department of Ecology
Telephone: 360-407-6105
Last EDR Contact: 07/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

WA 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: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

OR HIST LF: Old Closed SW Disposal Sites
A list of solid waste disposal sites that have been closed for a long while.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 07/08/2003
Date Made Active in Reports: 07/18/2003
Number of Days to Update: 10

Source: Department of Environmental Quality
Telephone: 503-229-5409
Last EDR Contact: 07/08/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OR SWRCY: Recycling Facility Location Listing
A listing of recycling facility locations.

Date of Government Version: 09/03/2014
Date Data Arrived at EDR: 09/04/2014
Date Made Active in Reports: 09/10/2014
Number of Days to Update: 6

Source: Department of Environmental Quality
Telephone: 503-229-5353
Last EDR Contact: 09/04/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Quarterly

WA 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: 08/18/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 08/29/2014
Number of Days to Update: 7

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/22/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Quarterly

OR LUST: Leaking Underground Storage Tank Database
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: 07/01/2014
Date Data Arrived at EDR: 08/20/2014
Date Made Active in Reports: 09/10/2014
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 503-229-5790
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Quarterly

OR AOC MU: East Multnomah County Area
Approximate extent of TSA VOC plume February , 2002

Date of Government Version: N/A
Date Data Arrived at EDR: 10/07/2002
Date Made Active in Reports: 10/22/2002
Number of Days to Update: 15

Source: City of Portland Environmental Services
Telephone: 503-823-5310
Last EDR Contact: 03/13/2007
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OR AOC COL: Columbia Slough
Columbia Slough waterway boundaries.

Date of Government Version: 08/10/2005
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/16/2006
Number of Days to Update: 30

Source: City of Portland Environmental Services
Telephone: 503-823-5310
Last EDR Contact: 03/13/2007
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 09/30/2014
Date Made Active in Reports: 10/13/2014
Number of Days to Update: 13

Source: Department of Ecology
Telephone: 360-407-7183
Last EDR Contact: 08/15/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Quarterly

OR 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: 04/01/2014
Date Data Arrived at EDR: 05/22/2014
Date Made Active in Reports: 06/13/2014
Number of Days to Update: 22

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Quarterly

WA 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: 04/01/2014
Date Data Arrived at EDR: 05/06/2014
Date Made Active in Reports: 06/04/2014
Number of Days to Update: 29

Source: Department of Ecology
Telephone: 360-407-7562
Last EDR Contact: 08/05/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

OR AST: Aboveground Storage Tanks
Aboveground storage tank locations reported to the Office of State Fire Marshal.

Date of Government Version: 12/02/2013
Date Data Arrived at EDR: 12/19/2013
Date Made Active in Reports: 01/30/2014
Number of Days to Update: 42

Source: Office of State Fire Marshal
Telephone: 503-378-3473
Last EDR Contact: 08/08/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Semi-Annually

WA MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 05/23/2014
Date Made Active in Reports: 06/04/2014
Number of Days to Update: 12

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 10/17/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OR MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 11/27/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 34

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 08/11/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Annually

WA SPILLS: Reported Spills
Spills reported to the Spill Prevention, Preparedness and Response Division.

Date of Government Version: 09/15/2014
Date Data Arrived at EDR: 09/18/2014
Date Made Active in Reports: 10/13/2014
Number of Days to Update: 25

Source: Department of Ecology
Telephone: 360-407-6950
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Semi-Annually

OR SPILLS: Spill Data
Oil and hazardous material spills reported to the Environmental Response Program.

Date of Government Version: 07/07/2014
Date Data Arrived at EDR: 07/22/2014
Date Made Active in Reports: 09/23/2014
Number of Days to Update: 63

Source: Department of Environmental Quality
Telephone: 503-229-5815
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Semi-Annually

OR HAZMAT: Hazmat/Incidents
Hazardous material incidents reported to the State Fire Marshal by emergency responders. The hazardous material may or may not have been released.

Date of Government Version: 07/18/2014
Date Data Arrived at EDR: 08/07/2014
Date Made Active in Reports: 09/24/2014
Number of Days to Update: 48

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Semi-Annually

OR ENG CONTROLS: Engineering Controls Recorded at ESCI Sites
Engineering controls are physical measures selected or approved by the Director for the purpose of preventing or minimizing exposure to hazardous substances. Engineering controls may include, but are not limited to, fencing, capping, horizontal or vertical barriers, hydraulic controls, and alternative water supplies.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 07/08/2014
Date Made Active in Reports: 08/18/2014
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

WA INST CONTROL: Institutional Control Site List
Sites that have institutional controls.

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 07/22/2014
Date Made Active in Reports: 08/29/2014
Number of Days to Update: 38

Source: Department of Ecology
Telephone: 360-407-7170
Last EDR Contact: 10/23/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

OR INST CONTROL: Institutional Controls Recorded at ESCI Sites
An institutional control is a legal or administrative tool or action taken to reduce the potential for exposure to hazardous substances. Institutional controls may include, but are not limited to, use restrictions, environmental monitoring requirements, and site access and security measures.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 07/08/2014
Date Made Active in Reports: 08/18/2014
Number of Days to Update: 41
Source: Department of Environmental Quality
Telephone: 503-229-5193
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

WA 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: 08/10/2009
Next Scheduled EDR Contact: 11/09/2009
Data Release Frequency: No Update Planned

WA VCP: Voluntary Cleanup Program Sites

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

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 07/22/2014
Date Made Active in Reports: 09/11/2014
Number of Days to Update: 51
Source: Department of Ecology
Telephone: 360-407-7200
Last EDR Contact: 10/23/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

OR VCS: Voluntary Cleanup Program Sites

Responsible parties have entered into an agreement with DEQ to voluntarily address contamination associated with their property.

Date of Government Version: 07/02/2014
Date Data Arrived at EDR: 07/10/2014
Date Made Active in Reports: 08/18/2014
Number of Days to Update: 39
Source: DEQ
Telephone: 503-229-5256
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

WA DRYCLEANERS: Drycleaner List

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 05/23/2014
Date Made Active in Reports: 06/04/2014
Number of Days to Update: 12
Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 10/17/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

OR DRYCLEANERS: Drycleaning Facilities

A listing of registered drycleaning facilities in Oregon.

Date of Government Version: 08/05/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 08/18/2014
Number of Days to Update: 12
Source: Department of Environmental Quality
Telephone: 503-229-6783
Last EDR Contact: 08/05/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

OR BROWNFIELDS: Brownfields Projects

Brownfields investigations and/or cleanups that have been conducted in Oregon.

Date of Government Version: 08/18/2014
Date Data Arrived at EDR: 08/20/2014
Date Made Active in Reports: 09/10/2014
Number of Days to Update: 21
Source: Department of Environmental Quality
Telephone: 503-229-6801
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: Semi-Annually

WA 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: 07/21/2014
Date Data Arrived at EDR: 07/22/2014
Date Made Active in Reports: 08/27/2014
Number of Days to Update: 36

Source: Department of Ecology
Telephone: 360-725-4030
Last EDR Contact: 10/23/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

WA CDL: Clandestine Drug Lab Contaminated Site List

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

Date of Government Version: 08/11/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/27/2014
Number of Days to Update: 12

Source: Department of Health
Telephone: 360-236-3380
Last EDR Contact: 08/11/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Varies

OR CDL: Uninhabitable Drug Lab Properties

The properties listed on these county pages have been declared by a law enforcement agency to be unfit for use due to meth lab and/or storage activities. The properties are considered uninhabitable until cleaned up by a state certified decontamination contractor and a certificate of fitness is issued by the Oregon Health Division.

Date of Government Version: 05/27/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 09/08/2014
Number of Days to Update: 27

Source: Department of Consumer & Business Services
Telephone: 503-378-4133
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Varies

OR CDL 2: Clandestine Drug Lab Site Listing

A listing of clandestine drug lab site locations included in the Incident database.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 05/07/2014
Date Made Active in Reports: 05/22/2014
Number of Days to Update: 15

Source: Oregon State Police
Telephone: 503-373-1540
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

WA NPDES: Water Quality Permit System Data

A listing of permitted wastewater facilities.

Date of Government Version: 07/21/2014
Date Data Arrived at EDR: 07/22/2014
Date Made Active in Reports: 09/09/2014
Number of Days to Update: 49

Source: Department of Ecology
Telephone: 360-407-6073
Last EDR Contact: 10/23/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Quarterly

OR NPDES: Wastewater Permits Database

A listing of permitted wastewater facilities.

Date of Government Version: 08/12/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 09/10/2014
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 503-229-5657
Last EDR Contact: 08/11/2014
Next Scheduled EDR Contact: 11/24/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WA AIRS (EMI): Washington Emissions Data System
Emissions inventory data.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 03/28/2014
Date Made Active in Reports: 04/22/2014
Number of Days to Update: 25

Source: Department of Ecology
Telephone: 360-407-6040
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Annually

OR AIRS: Oregon Title V Facility Listing
A listing of Title V facility source and emissions information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/22/2014
Date Made Active in Reports: 03/06/2014
Number of Days to Update: 43

Source: Department of Environmental Quality
Telephone: 503-229-6459
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Varies

OR HSIS: Hazardous Substance Information Survey
Companies in Oregon submitting the Hazardous Substance Information Survey and either reporting or not reporting hazardous substances.

Date of Government Version: 12/02/2013
Date Data Arrived at EDR: 12/19/2013
Date Made Active in Reports: 01/31/2014
Number of Days to Update: 43

Source: State Fire Marshal's Office
Telephone: 503-373-1540
Last EDR Contact: 08/08/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 05/23/2014
Date Made Active in Reports: 06/04/2014
Number of Days to Update: 12

Source: Department of Ecology
Telephone: 360-407-6732
Last EDR Contact: 10/17/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Annually

WA HIST CDL: List of Sites Contaminated by Clandestine Drug Labs
This listing of contaminated sites by Clandestine Drug Labs includes non-remediated properties. The current CDL listing does not. This listing is no longer updated by the state agency.

Date of Government Version: 02/08/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/19/2007
Number of Days to Update: 23

Source: Department of Health
Telephone: 360-236-3381
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

WA COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 09/10/2014
Date Data Arrived at EDR: 09/11/2014
Date Made Active in Reports: 10/15/2014
Number of Days to Update: 34

Source: Department of Ecology
Telephone: 360-407-6933
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

OR COAL ASH: Coal Ash Disposal Sites Listing
A listing of coal ash disposal sites.

Date of Government Version: 06/01/2011
Date Data Arrived at EDR: 06/02/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 541-298-7255
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/15/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 27
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
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: 05/14/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 61
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/20/2014
Data Release Frequency: Varies

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: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 73
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/04/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 17
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/13/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/01/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/04/2014
Date Data Arrived at EDR: 08/05/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 17
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 07/28/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 25

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 08/20/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 27

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/13/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/14/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 05/30/2014
Date Data Arrived at EDR: 07/01/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 45

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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

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

WA RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

WA RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

WA RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Ecology in Washington.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Ecology
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OR RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oregon.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/27/2013
Number of Days to Update: 179

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OR RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oregon.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OR RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Oregon.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Solid waste disposal and/or utilization sites in Snohomish County.

Date of Government Version: 11/16/2011
Date Data Arrived at EDR: 03/29/2012
Date Made Active in Reports: 05/03/2012
Number of Days to Update: 35

Source: Snohomish Health District
Telephone: 206-339-5250
Last EDR Contact: 09/23/2014
Next Scheduled EDR Contact: 01/05/2015
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

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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/01/2014
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/07/2014
Date Made Active in Reports: 10/17/2014
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/07/2014
Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/21/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/20/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 08/07/2014
Number of Days to Update: 48

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Annually

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

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

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Daycare Center Listing
Source: Department of Social & Health Services
Telephone: 253-383-1735

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix B

Hazardous Materials Databases Searched and Identified Records

Table B-1. Hazardous Materials Databases Searched

Database Source	Database Name
ederal	NPL - National Priority List
ederal	Proposed NPL - Proposed National Priority List Sites
ederal	Delisted NPL - National Priority List Deletions
ederal	NPL LIENS - Federal Superfund Liens
ederal	CERCLIS - Comprehensive Environmental Response, Compensation, and Liability Information System
ederal	CERC-NFRAP - CERCLIS No urther Remedial Action Planned
ederal	LIENS 2 - CERCLA Lien Information
ederal	CORRACTS - Corrective Action Report
ederal	RCRA-TSDF - RCRA - Treatment, Storage and Disposal
ederal	RCRA-LQG - RCRA Large Quantity Generators
ederal	RCRA-SQ - RCRA Small Quantity Generators
ederal	RCRA-CESQG – RCRA Conditionally Exempt Small Quantity Generators
ederal	RCRA NonGen / NLR – RCRA Non enerators
ederal	US ENG CONTROLS - Engineering Controls Sites List
ederal	US INST CONTROL - Sites with Institutional Controls
ederal	ERNS – Emergency Response Notification System
ederal	HMIRS - Hazardous Materials Information Reporting System
ederal	DOT OPS - Incident and Accident Data
ederal	US CDL - Clandestine Drug Labs
ederal	US BROWNFIELDS – Properties from the Cleanups in My Community program
ederal	DOD - Department of Defense Sites
ederal	UDS - Forme rly Used Defense Sites
ederal	LUCIS - Land Use Control Information System
ederal	CONSENT - Superfund (CERCLA) Consent Decrees
ederal	ROD - Records Of Decision
ederal	UMTRA - Uranium Mill Tailings Sites
ederal	DEBRIS REGION 9 - Torres Martinez Reservation Illegal Dump Site Locations
ederal	ODI - Open Dump Inventory
ederal	US MINES - Mines Master Index File
ederal	TRIS - Toxic Chemical Release Inventory System
ederal	TSCA - Toxic Substances Control Act
ederal	TTS - FI RA/ TSCA Tracking System - FI RA (eder al Insecticide, Fungicide, & Rodenticide Act) / TSCA (Toxic Substances Control Act)
ederal	HIST TTS - IFRA/ TSCA Tracking System Administrative Case Listing
ederal	SSTS – Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act
ederal	ICIS - Integrated Compliance Information System
Federal	PADS - PCB Activity Database System
ederal	MLTS – Material Licensing Tracking System
ederal	RADINFO - Radiation Information Database
ederal	INDS – acility Inde x System
Federal	RAATS - RCRA Administrative Action Tracking System

Database Source	Database Name
ederal	RMP - Risk Management Plans
ederal	EPA WATCH LIST - EPA WATCH LIST
ederal	PCB TRANSFORMER - PCB Transformer Registration Database
ederal	US HIST CDL - National Clandestine Laboratory Register
ederal	EDERA L AC ILITY - Federal Facility Site Information listing
ederal	COAL ASH EPA - Coal Combustion Residues Surface Impoundments List
ederal	SCRD DRYCLEANERS - State Coalition for Remediation of Drycleaners Listing
ederal	EMA U ST - Underground Storage Tank Listing
ederal	US IN ASSUR - inancial Assurance Information
ederal	PRP - Potentially Responsible Parties
ederal	US AIRS – Sub-system of Aerometric Information Retrieval System
ederal	COAL ASH DOE - Steam-Electric Plant Operation Data
ederal	LEAD SMELTERS - Lead Smelter Sites
ederal	2020 COR ACTION - 2020 Corrective Action Program List
State & Local	Oregon ECSI – Environmental Cleanup Site Information System
State & Local	Oregon CRL – Confirmed Release List and Inventory
State & Local	Oregon SWF/LF – Solid Waste Facilities List
State & Local	Oregon UIC – Underground Injection Control Program Database
State & Local	Oregon SWRCY – Recycling Facility Location Listing
State & Local	Oregon HIST LF – Old Closed SW Disposal Sites
State & Local	Oregon LUST – Leaking Underground Storage Tank Database
State & Local	Oregon AOCONCERN – Columbia Slough
State & Local	Oregon UST – Underground Storage Tank Database
State & Local	Oregon AST – Aboveground Storage Tanks
State & Local	Oregon MANI EST – Manifest Information
State & Local	Oregon SPILLS – Spill Database
State & Local	Oregon HAZMAT – Hazmat/Incidents
State & Local	Oregon ENG CONTROL – Engineering Controls Recorded at ESCI Sites
State & Local	Oregon INST CONTROL – Institutional Controls Recorded at ESCI Sites
State & Local	Oregon VCP – Voluntary Cleanup Program Sites
State & Local	Oregon DRYCLEANERS – Drycleaning aci lities
State & Local	Oregon BROWNFIELDS – Brownfield Projects
State & Local	Oregon CDL – Uninhabitable Drug Lab Properties
State & Local	Oregon NPDES – Wastewater Permits Database
State & Local	Oregon AIRS – Oregon Title V acility Listing
State & Local	Oregon HSIS – Hazardous Substance Information Survey
State & Local	Oregon COAL ASH – Coal Ash Disposal Sites Listing
State & Local	Washington CSCSL – Confirmed and Suspected Contaminated Sites List
State & Local	Washington ALLSITES – Facility/Site Identification System Listing
State & Local	Washington HSL – Hazardous Sites List
State & Local	Washington CSCSL N A – Confirmed and Contaminated Sites – No Further Action
State & Local	Washington SWF/L – Solid Waste Facility Database
State & Local	Washington LUST – Leaking Underground Storage Tanks Site List
State & Local	Washington UST – Underground Storage Tank Database

Database Source	Database Name
State & Local	Washington MANIFEST – Hazardous Waste Manifest Data
State & Local	Washington SPILLS – Reported Spills
State & Local	Washington VCP – Voluntary Cleanup Program Sites
State & Local	Washington ICR – Independent Cleanup Reports G
State & Local	Washington NPDES - Water Quality Permit System Data G
State & Local	Washington AIRS – Emission Data System G
State & Local	Washington UIC – Underground Injection Wells Listing G
State & Local	Washington SWTIRE – Solid Waste Tire Facilities G
State & Local	Washington SWRCY – Recycling a cility List G
State & Local	Washington AST – Aboveground Storage Tank Locations
State & Local	Washington INST CONTROL – Institutional Control Site List
State & Local	Washington DRYCLEANERS – Drycleaner List
State & Local	Washington BROWN IE LDS – Brownfield Sites Listing
State & Local	Washington CDL – Clandestine Drug Lab Contaminated Site List G
State & Local	Washington HIST CDL – List of Sites Contaminated by Clandestine Drug Labs G
State & Local	Washington Inactive Drycleaners – Inactive Drycleaners G
State & Local	Washington COAL ASH – Coal Ash Disposal Site Listing G
Tribal	INDIAN RESERV - Indian administered lands of the United States that have any area G equal to or greater than 640 acres
Tribal	INDIAN ODI - Report on the Status of Open Dumps on Indian Lands
Tribal	INDIAN LUST - Leaking Underground Storage Tanks on Indian Land
Tribal	INDIAN UST - Underground Storage Tanks on Indian Land
Tribal	INDIAN VCP - Voluntary Cleanup Priority Listing
EDR Proprietary	EDR MGP - EDR Proprietary Manufactured Gas Plants
EDR Proprietary	EDR US Hist Auto Stat - selected national collections of business directories and collected listings of potential gas station/filling station/service station sites that were available to EDR researchers
EDR Proprietary	EDR US Hist Cleaners - selected national collections of business directories and collected listings of potential dry cleaner sites that were available to EDR researchers
EDR Proprietary	Oregon RGA HWS – Recovered Government Archive State Hazardous Waste Facilities List
EDR Proprietary	Oregon RGA LF - Recovered Government Archive Solid Waste Facilities List
EDR Proprietary	Oregon RGA LUST - Recovered Government Archive Leaking Underground Storage Tank
EDR Proprietary	Washington RGA HWS - Recovered Government Archive State Hazardous Waste acilities List
EDR Proprietary	Washington R A LF - Recovered Government Archive Solid Waste Facilities List
EDR Proprietary	Washington RGA LUST - Recovered Government Archive Leaking Underground Storage Tank

Table B-2. Databases with Identified Records

Database Source	Database Name and Significance	Number of Records[1]
ederal	CERC-NFRAP: This database includes archived sites that have been removed and archived from the CERCLIS inventory of 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 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.	2
ederal F	RCRA LQ : This database includes selective information on sites that generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. Large quantity generators generate over 1,000 kilograms of hazardous waste, or over 1 kg of acutely hazardous waste per month.	1
ederal F	RCRA-CESQG: This database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the RCRA. CESQGs generate less than 100 kilograms of hazardous waste, or less than 1 kilogram of acutely hazardous waste per month.	1
ederal F	RCRA NonGen/NLR: This database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Non-Generators do not presently generate hazardous waste.	1
ederal F	PADS: This database identifies generators, transporters, commercial storers and/or brokers and disposers of PCBs who are required to notify the EPA of such activities.	2
ederal F	INDS: This database 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), IS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).	4
ederal	RAATS: This database contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by 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.	1
ederal	US FIN ASSUR: This database lists all owners and operators of facilities that treat, store, or dispose of hazardous waste. Owners and operators are required to provide proof that they will have sufficient funds to pay for the cleanup, closure, and post-closure care of their facilities.	1

Database Source	Database Name and Significance	Number of Records[1]
State & Local	Washington CSCSL: This database includes state hazardous waste sites G records and is the state's equivalent to CERCLIS. These sites may or may G not already be listed on the federal CERCLIS list. Priority sites planned for G cleanup using state funds (state equivalent of Superfund) are identified G along with sites where cleanup will be paid for by potentially responsible parties.	6
State & Local	Washington ALLSITES: This database lists information on facilities and site of interest to the Department of Ecology.	12
State & Local	Washington HSL: This list is a subset of the CSCSL Report. It includes sites which have been assessment and ranked using the Washington Ranking Method.	5
State & Local F	Washington CSCSL N A: This database contains information about sites that are undergoing cleanup and site that are awaiting further G investigation and/or cleanup. Sites on the HSL database are included in G this data set. G	1 G
State & Local F	Washington SWF/LF: This database typically contains an inventory of solid waste disposal facilities or landfills. 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.	2
State & Local	Washington LUST: These records contain an inventory of reported leaking underground storage tank incidents.	2
State & Local	Washington UST: This database lists registered USTs F	4
State & Local	Washington MANIFEST: This database lists hazardous waste manifest information	4
State & Local F	Washington SPILLS: This database lists spills reported to the Spill Prevention, Preparedness and Response Division.	4
State & Local	Washington VCP: This database lists sites that have entered either the VCP or its predecessor, Independent Remedial Action Program.	1
State & Local	Washington ICR: This database includes remedial action reports Ecology has received form either the owner or operator of a site. These actions have been conducted without department oversight or approval and are not under an order or decree. This database is no longer active and has not been updated since 2009.	4
State & Local	Washington NPDES: This database includes a listing of permitted wastewater facilities.	4
State & Local	Washington AIRS: This database includes emissions inventory data.	1 G
EDR Proprietary	EDR US Hist Auto Stat: This database includes listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as High Risk Historical Records. EDR's effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.	1 G

Notes:

[1] As noted above, of the 23 sites identified in the EDR, most were listed in more than database

Acronyms used in text: EPA = U.S. Environmental Protection Agency; NPL = national priority list; RCRA = Resource Conservation and Recovery Act; CESQGs = conditionally exempt small quantity generators; PCBs = polychlorinated biphenyls; UST = underground storage tanks; VCP = voluntary cleanup program; Ecology = Washington State Department of Ecology





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