



# **Model Toxics Control Accounts Biennial Report of Expenditures**

**2019–21 Biennium**

## **Toxics Cleanup Program**

Washington State Department of Ecology

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### Related Information

- [Model Toxics Control Act Capital Account: Ten-Year Financing Report 2020](#)<sup>2</sup>
- [Model Toxics Control Accounts Biennial Report of Expenditures: 2017–19 Biennium](#)<sup>3</sup>

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# Department of Ecology's Regional Offices

## Map of Counties Served



<b>Southwest Region</b> 360-407-6300	<b>Northwest Region</b> 206-594-0000	<b>Central Region</b> 509-575-2490	<b>Eastern Region</b> 509-329-3400
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Region	Counties served	Mailing Address	Phone
<b>Southwest</b>	Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Mason, Lewis, Pacific, Pierce, Skamania, Thurston, Wahkiakum	PO Box 47775 Olympia, WA 98504	360-407-6300
<b>Northwest</b>	Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom	PO Box 330316 Shoreline, WA 98133	206-594-0000
<b>Central</b>	Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, Yakima	1250 W Alder St Union Gap, WA 98903	509-575-2490
<b>Eastern</b>	Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, Whitman	4601 N Monroe Spokane, WA 99205	509-329-3400
<b>Headquarters</b>	Across Washington	PO Box 46700 Olympia, WA 98504	360-407-6000

# Model Toxics Control Accounts Biennial Report of Expenditures

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**2019–21 Biennium**

Toxics Cleanup Program  
Washington State Department of Ecology  
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DEPARTMENT OF  
**ECOLOGY**  
State of Washington

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## Acronyms and Abbreviations

Acronym or Abbreviation	Definition
AFRS	Agency Financial Reporting System
BRTF Account	Brownfield Redevelopment Trust Fund Account
BTEX	benzene, toluene, ethylbenzene, and total xylenes
CAP	Cleanup Action Plan
CAP	Chemical Action Plan
CC	construction complete
CDF	controlled density fill
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CLARC	Cleanup Levels and Risk Calculations spreadsheet
COC	contaminants of concern
cPAH	carcinogenic polycyclic aromatic hydrocarbon
CPG	Coordinated Prevention Grant program
CSA	Cleanup Settlement Account
CSI	Eastern Washington Clean Sites Initiative
CSCSL	Confirmed and Suspected Contamination Site List
CSID	cleanup site identification number
CWU	Central Washington University
DNR	Washington State Department of Natural Resources
DOC	Washington State Department of Corrections
DOH	Washington State Department of Health
DOR	Washington State Department of Revenue
EAP	Environmental Assessment Program
EIS	Environmental Impact Statement
ELSA	Environmental Legacy Stewardship Account
EPA	United States Environmental Protection Agency
FS	Feasibility Study
FSID	facility site identification number
FUDS	formerly used defense site
FY	fiscal year
GF	General Fund
GIS	Geographic Information Systems
GW	groundwater

<b>Acronym or Abbreviation</b>	<b>Definition</b>
HCA	Health Care Authority
HOTAP	Heating Oil Tank Assistance Program
HSL	Hazardous Sites List
HST	Hazardous Substance Tax
HWTR	Hazardous Waste and Toxics Reduction Program
II	Initial Investigation
IPG	Integrated Planning Grant
ISIS	Integrated Site Information System database
IT	information technology
LD	Legislative District
LDW	Lower Duwamish Waterway
LLC	limited liability company
LTCA	Local Toxics Control Account
LUST	leaking underground storage tank
MTCA	Model Toxics Control Act
MTCA Accounts	Model Toxics Control Accounts (Operating, Capital, Stormwater)
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
NFA	Formal No Further Action (when written documentation is provided)
NPL	National Priorities List (EPA – Federal Government)
NPDES	National Pollutant Discharge Elimination System
NOP	North Olympic Peninsula
NRDA	Natural Resource Damage Assessment
NWP	Nuclear Waste Program
O&M	operation and maintenance
OFM	Washington State Office of Financial Management
PAHs	polycyclic aromatic hydrocarbons
PBTs	persistent, bioaccumulative, and toxic chemicals
PCBs	polychlorinated biphenyls
PCE	tetrachloroethylene
PFAS	perfluorinated compounds
PLA	Pollutant Loading Assessment
PLIA	Washington State Pollution Liability Insurance Agency
PLP	potentially liable person or party
PPG	Public Participation Grant
PSI	Puget Sound Initiative

<b>Acronym or Abbreviation</b>	<b>Definition</b>
PTAP	Petroleum Technical Assistance Program
PUD	Public Utility District
RAG	Remedial Action Grant
RCW	Revised Code of Washington
RI	Remedial Investigation
ROI	return on investment
SAW	Secure Access Washington
SBCA	State Building Construction Account
SD	School District
SEA	Shorelands and Environmental Assistance Program
SEPA	State Environmental Policy Act
SHA	Site Hazard Assessment
SMS	Sediment Management Standards rule
SP	Strategic Plan 2015–2020 for the Toxics Cleanup Program
SPPR	Spill Prevention, Preparedness, & Response Program
STAG	Stakeholder & Tribal Advisory Group for the MTCA Cleanup Rule
STCA	State Toxics Control Account
SWMP	Solid Waste Management Program
TBT	tributyltin
TCP	Toxics Cleanup Program
TOD	total oxygen demand
TPH	total petroleum hydrocarbons
USGS	United States Geological Survey
UST	underground storage tank
VCP	Voluntary Cleanup Program
VOC	volatile organic compound
WAC	Washington Administrative Code
WARM	Washington Ranking Method
WCC	Washington Conservation Corps
WQ	Water Quality Program



## Acknowledgements

The 2019–21 biennium reflects a period of unease, challenge, and perseverance. When the COVID-19 pandemic hit Washington state in the early months of 2020, no one could have envisioned it would become the backdrop for nearly all of the work discussed in this report.

The results found herein are testament to everyone who worked from their kitchen tables or on the front lines during the global crisis—people who continued to navigate the pandemic’s roadblocks, and accomplished remarkable successes in spite of them. It’s a story about moving cleanups forward and protecting the environment and public health through challenging times, and why this work matters.

The Biennial Report of Expenditures describes how Ecology and our agency partners used the MTCA accounts over the last biennium. MTCA funding is helping all of us achieve significant results, like cleaning up 232 contaminated sites on average each year, helping local governments transform brownfields and businesses swap out toxic dry cleaning machines—and so many other serious health threats unknown 32 years ago but that MTCA helps us counter today.

My thanks to those dedicated staff, the team members who produced this report, and to the program and agency staff who provided information for it:

Ecology’s Toxics Cleanup Program and Financial Services Office; Hazardous Waste and Toxics Reduction; Solid Waste Management; Nuclear Waste; Air Quality; Environmental Assessment; Shorelands and Environmental Assistance; Water Quality; Spill Prevention, Preparedness, and Response; and Agency Administration.

Departments of Agriculture, Commerce, Health, Fish & Wildlife, Natural Resources, and Revenue; State Conservation Commission; Puget Sound Partnership; University of Washington-Tacoma Campus; Washington State Patrol Fire Training Academy; and Washington State University.

Barry Rogowski  
Program Manager  
Toxics Cleanup Program

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# Executive Summary

## Summary Chapter 1: Purpose of this report

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The purpose of this document is to report on the Washington State Department of Ecology's expenditures to clean up contaminated sites from July 1, 2019, through June 30, 2021, per the requirements outlined in the Hazardous Waste Cleanup–Model Toxics Control Act, [RCW 70A.305.030\(5\)](#).<sup>5</sup> The report fulfills this mandate, as well as provides the operating and capital budget activities of Ecology and twelve other state agencies that received funding from the Model Toxics Control accounts.

The report also features successful outcomes and performance measures that showcase how MTCA-funded activities are benefitting Washington's residents and environment since MTCA was enacted 32 years ago.

### The requirements in RCW 70A.305.030(5) state:

(5) By December 1st of each odd-numbered year, the department must provide the legislature and the public a report of the department's activities supported by appropriations from the model toxics control operating, capital, and stormwater accounts. The report must be prepared and displayed in a manner that allows the legislature and the public to easily determine the statewide and local progress made in cleaning up hazardous waste sites under this chapter. The report must include, at a minimum:

- (a) The name, location, hazardous waste ranking, and a short description of each site on the hazardous sites list, and the date the site was placed on the hazardous waste sites list; and
- (b) For sites where there are state contracts, grants, loans, or direct investments by the state:
  - (i) The amount of money from the model toxics control capital account used to conduct remedial actions at the site and the amount of that money recovered from potentially liable persons;
  - (ii) The actual or estimated start and end dates and the actual or estimated expenditures of funds authorized under this chapter for the following project phases:
    - (A) Emergency or interim actions, if needed;
    - (B) Remedial investigation;
    - (C) Feasibility study and selection of a remedy;
    - (D) Engineering design and construction of the selected remedy;
    - (E) Operation and maintenance or monitoring of the constructed remedy; and
    - (F) The final completion date.

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<sup>5</sup> <https://app.leg.wa.gov/rcw/default.aspx?cite=70A.305.030> (Department's powers and duties)

## Summary Chapters 1 and 2: MTCA drives cleanups

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Washington voters passed Initiative 97 in 1988. One year later, the Model Toxics Control Act (MTCA) was adopted as our state’s environmental cleanup law, Chapter 70A.305 RCW. The main purpose of MTCA is to raise “sufficient funds to clean up all hazardous waste sites and to prevent the creation of future hazards due to improper disposal of toxic wastes into the state’s lands and waters” (RCW 70A.305.010). The law grants Ecology authority to develop rules and oversee cleanups conducted by public and private parties across the state.

To do this work, voters authorized a tax on hazardous materials, including petroleum products, pesticides, and certain chemicals. MTCA dedicated the funding raised by the tax to a broad range of toxic pollution prevention; hazardous and solid waste management; water and environmental health protection and monitoring; and toxic cleanup purposes.

MTCA continues to have a powerful impact on our state. Since it became law 32 years ago in 1989, more than 7,400 toxic sites have been cleaned up either with MTCA funds paying for state-led cleanups, or with Ecology oversight of privately funded cleanups. That averages 232 completed cleanups (No Further Action) per year, or 1 completed cleanup project every 1.6 days. Ecology continues to take steps to leverage our resources to meet the demands of a growing number of sites.

The progress is significant but much work remains. There are still more than 6,000 sites that require further investigation and cleanup. Washington state or site owners have begun cleanup efforts at more than 4,100 of these sites. There are roughly 1,900 sites where investigations and cleanups have not been started, while the universe of sites keeps expanding with 300 to 350 new sites reported to Ecology each year.

This biennial report provides information to our Legislature and public about Ecology’s and other state agencies’ activities that are supported by appropriations from the three Model Toxics Control accounts: MTCA Operating Account, MTCA Capital Account, and MTCA Stormwater Account. This document reports on expenditures from the Model Toxics Control accounts for the previous biennium, from July 1, 2019, to June 30, 2021. The information contained herein focuses primarily on expenditures from the two accounts used for cleaning up hazardous waste sites, MTCA Operating and MTCA Capital. The MTCA Stormwater Account is not cleanup-related and instead is used for stormwater projects and activities that have proven to be effective at reducing impacts from existing infrastructure and development and enhance existing stormwater programs.

In addition to meeting the requirements outlined in RCW 70A.305.030(5), this report showcases many of the successful MTCA cleanups and activities across our state, with impacts that are tangibly benefitting our state’s environment and economy.

## Summary Chapter 3: Revenues and expenditures for the MTCA accounts

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MTCA revenues during the 2019–21 biennium totaled \$549.6 million. Revenue sources include: Hazardous Substance Tax; cost recoveries; fines and penalties; and miscellaneous items. The Department of Revenue may also approve payment of tax credits from the MTCA accounts.

MTCA funds were distributed across ten Ecology programs and twelve state agencies.

## Summary Chapter 4: Investments and expenditures for MTCA accounts and other state funding

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- Ecology spent a total of \$50.7 million in direct cleanup investments (state contracts, grants and loans) during the 2019–21 biennium.
- About 66% of the funds were expended on cleanup actions (\$33.5 million) and 34% on investigations and related activities, and special appropriations (\$17.2 million).

## Summary Chapter 5: Number of cleanup sites in Washington

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- As of June 30, 2021, Ecology’s Integrated Site Information System (ISIS) database contained 13,711 sites. More than half of these have been cleaned up since the inception of Ecology’s cleanup program in the mid-1980s. Search all 13,700-plus sites in the ISIS database and other reports through our **Cleanup and Tank Search** <https://apps.ecology.wa.gov/cleanupsearch/reports/cleanup/search> or **Cleanup Site Search**: <https://apps.ecology.wa.gov/gsp/SiteSearchPage.aspx>
- As of March 2, 2021, there were 1,971 sites on the Hazardous Sites List (HSL). The HSL is a subset of the 6,242 sites on Ecology’s Confirmed and Suspected Contaminated Sites List (CSCSL) that require further cleanup actions. A majority of these sites are located along the I-5 corridor in western Washington. Not all sites are ranked since many are cleaned up voluntarily as part of land transactions. We publish the Hazardous Sites List twice a year and post it online. Find the February 2021 list at: <https://apps.ecology.wa.gov/publications/SummaryPages/2109042A.html>
- Petroleum continues to be one of our state’s biggest contaminants. More than half the sites on the HSL involve petroleum releases at gasoline stations, facilities that store petroleum, or facilities that refine it.
- The lists we generate help track this huge universe of sites, but the number of sites continues to grow every week. Since 2000, between 300 and 350 new contaminated sites are discovered and reported to Ecology each year. The public reports most of these new sites to us through phone calls or our website at <https://ecology.wa.gov/About-us/Get-involved/Report-an-environmental-issue/Report-a-spill>. We also learn about new sites when we receive reports from environmental consultants conducting due diligence or independent cleanups.

## Summary Chapter 6: MTCA success stories across Washington

The MTCA accounts fund a wide variety of activities by people who are working the front lines to protect Washington's public health and environment. MTCA funds the hard, heavy lift that cleaning up a century's worth of contamination requires. It even funds critical work that is helping Washington train to fight fires, replace toxic dry cleaning chemicals, and monitor the air we breathe. Find these and other stories in Chapter 6.



**Figure 1:** Funding from the Model Toxics Control Accounts makes it possible to protect drinking water from contaminants like hexavalent chromium, and to swap out dry cleaning machines that use cancer-causing chemicals. Read the stories on pp. 108 and 144. Credit: Ecology 2020



**Figure 2:** Contaminated site cleanups near the end of the 2019–21 biennium. Ecology, our partners, and cleanup professionals have completed more than 7,400 cleanups in Washington state since MTCA became law in 1989.

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# Chapter 1: Introduction

## Why Ecology produces this report

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Every two years in December, in response to RCW 70A.305.030(5),<sup>6</sup> the Washington State Department of Ecology (Ecology) produces the Model Toxics Control Accounts Biennial Report of Expenditures to present information on hazardous waste sites and MTCA accounts expenditures over the just-closed biennium.

RCW 70A.305.030(5) directs Ecology to provide the Legislature and public a report of Ecology's activities supported by appropriations from three accounts that are collectively called the MTCA accounts: MTCA Operating Account, MTCA Capital Account, and MTCA Stormwater Account.<sup>7</sup>

This report provides a record of work funded by the MTCA accounts between July 1, 2019, and June 30, 2021. It outlines how Ecology and eleven other state agencies used MTCA funds for activities that protect human health and the environment. The report also highlights operating budget activities, outcomes, and performance measures that demonstrate the long-term benefits of MTCA-funded activities. Specifically, this report provides:

1. Name, location, hazardous waste ranking, and a short description of each site on the hazardous sites list, and the date site was placed on the hazardous waste sites list; and
2. For sites where there are state contracts, grants, loans, or direct investments by the state:
  - a. The amount of money from the Model Toxics Control Capital Account used to conduct remedial actions at the site and the amount of that money recovered from potentially liable persons;
  - b. The actual or estimated start and end dates and the actual or estimated expenditures of funds authorized under this chapter for the following project phases:
    - Emergency or interim actions, if needed
    - Remedial investigation
    - Feasibility study and selection of a remedy
    - Engineering design and construction of the selected remedy
    - Operation and maintenance or monitoring of the constructed remedy, and
    - The final completion date.

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<sup>6</sup> Formerly Chapter 70.105D RCW. In 2020, Washington state recodified several laws including the Hazardous Waste Cleanup—Model Toxics Control Act (MTCA).

<sup>7</sup> Effective July 1, 2019, the Legislature eliminated and replaced the previous MTCA accounts: State Toxics Control Account (STCA), Local Toxics Control Account (LTCA), and Environmental Legacy Stewardship Account (ELSA). See the brief discussion of changes to the MTCA Program in Chapter 3.

## How it's organized

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**Chapter 1: Introduction** discusses the purpose and history of the Model Toxics Control Act, and Ecology's role in protecting Washington's environment and human health.

**Chapter 2: MTCA Cleanup Process** defines cleanups, and explains how MTCA's step-by-step cleanup process works in tandem with the law, liability, and public involvement. Chapter 2 also briefly discusses the Hazardous Sites List.

**Chapter 3: MTCA Accounts** contains financial information describing how Ecology and eleven other state agencies used funding from the MTCA accounts during the 2019–21 biennium.

**Chapter 4: State Funding of MTCA Site Cleanups** contains financial information for state-directed work and local government cleanups. It focuses on sites that are being cleaned up using public funds through direct, contracted cleanup by Ecology, and through grants to local government.

**Chapter 4's financial tables are located in appendices:**

- Oversight and Independent Remedial Action Grants / RAGs (Appendix C)
- Integrated Planning Grants / IPGs (Appendix D)
- Ecology-conducted and/or contracted site work (Appendix E)
- Public Participation Grants / PPGs (Appendix F)
- Brownfields projects funded by MTCA Operating Account (Appendix G)

**Chapter 5: Hazardous Sites List** explains the list's history, trends, and location of sites.

- The Hazardous Sites List itself (Appendix H), describes the status of 1,900-plus sites. The list is a subset of the known 6,200-plus sites on Ecology's Confirmed and Suspected Contaminated Sites List.

**Chapter 6: MTCA success stories** spotlight just a few of the hundreds of successful outcomes that MTCA funds made possible over the 2019–21 biennium. These successes are making a difference and generating benefits for Washington's seven million residents that will reach far beyond the two-year period of reported activity.

**Additional resources at end of the report:**

- Glossary
- MTCA Biennial Reporting requirements, RCW 70A.305.030(5) (Appendix A)
- Types of funding sources for contaminated site cleanups (Appendix B)
- Resources mentioned in this report organized by topic (References & Resources)

## The Model Toxics Control Act: Celebrating 32 years of a healthier environment

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Over the past century, it was once common practice to dispose of hazardous waste by hauling it to the town dump, burying metal drums of toxic sludge in a backyard wetland, or discharging untreated smelter emissions into the air. In 1988, the citizens-led Initiative 97 helped change such practices with the goal of protecting our state's health and resources from further damage. The Legislature passed the Model Toxics Control Act into law on March 1, 1989.<sup>8</sup>

In 2021, this powerful environmental cleanup law marked its 32<sup>th</sup> anniversary—a continuing milestone that celebrates thousands of cleanups that are actively protecting Washington's neighborhoods, shorelines, and economy. Since 1989, work conducted by Ecology, local governments, and our cleanup partners is having tangible results: removing arsenic and lead from playgrounds; restoring critical salmon habitat; and reinvigorating hundreds of once-blighted properties so communities could put them back into use. With more than 7,400 cleanups already completed and 4,100-plus underway, MTCA cleanups are transforming the environment and boosting local economies.

Today, nearly every community in Washington—and even our global community—is benefitting from results driven by MTCA funding. In addition to powering thousands of cleanups across Washington, MTCA facilitates the work of dedicated professionals who are on the front lines, resolving serious public health threats, and actively helping others. During the 2019–21 biennium, the MTCA accounts enabled outcomes that are:

- Reaching skyward in Seattle, where the Maddux affordable housing redevelopment is now under construction after the removal of nearly 13,000 tons of contaminated soil, making this site safe for residential use.
- Going underground in Bremerton, where a new stormwater infrastructure is protecting salmon and shellfish from roadway pollutants.
- Studying stream health near Lake Chelan, where scientists are tracking aquatic life as it recovers from Holden Mine contaminants.
- Going mobile with an app that now gives Washington residents a tool to protect themselves from air pollution.

These and hundreds of other successful outcomes will benefit people and the environment far beyond the 2019–21 biennium. Find some of these stories in Chapter 6, and watch for MTCA-funded transformations that may be happening in your own neighborhood.

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<sup>8</sup> Chapter 70A.305 RCW, Hazardous Waste Cleanup—Model Toxics Control Act, <https://app.leg.wa.gov/RCW/default.aspx?cite=70A.305>

## Purpose of the Model Toxics Control Act

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MTCA has many purposes, chief of which is to provide funding that support Ecology’s work to prevent, investigate, and clean up contamination in our communities.

Specifically, MTCA’s principle purpose is to raise “sufficient funds to clean up all hazardous waste sites and to prevent the creation of future hazards due to improper disposal of toxic wastes into the state’s lands and waters.” MTCA also grants Ecology authority to develop rules and oversee the cleanups done by public and private entities throughout the state.

To do this work, voters authorized a tax on hazardous materials, including petroleum products, pesticides, and certain chemicals. The law also dedicates the funding raised by the tax to a broad range of toxic pollution prevention; hazardous and solid waste management; water and environmental health protection and monitoring; and toxic cleanup purposes.

Thirty-two years later, our staff and cleanup partners have powered more than 7,400 cleanups across our state, either with MTCA or state bond funds paying for state-led cleanups, or with Ecology overseeing privately funded cleanups. That total averages 232 completed cleanups per year, or 1 completed cleanup project roughly every 1.6 days (ISIS database, June 30, 2021).



**Figure 3:** The Model Toxics Control Accounts are funded by a tax on hazardous materials, including petroleum products, pesticides, and certain chemicals. Credit: Eric McClean on Unsplash.com

## Washington’s Department of Ecology: Why it matters

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### People and wildlife must have clean water, soil, and air to thrive

Founded more than 50 years ago in 1970 and pre-dating the U.S. Environmental Protection Agency by several months, the Washington State Department of Ecology was the first agency of its kind dedicated to environmental protection. Since then, Ecology’s staff and partners have steadily worked to protect Washington’s environment—and by extension, protect the health of its residents, wildlife, and economy.

Ecology’s programs focus on environmental challenges through their own unique lenses, yet interconnect with the shared awareness that our work impacts *people*, not just the environment.

### Protecting, preserving, and enhancing Washington’s environment

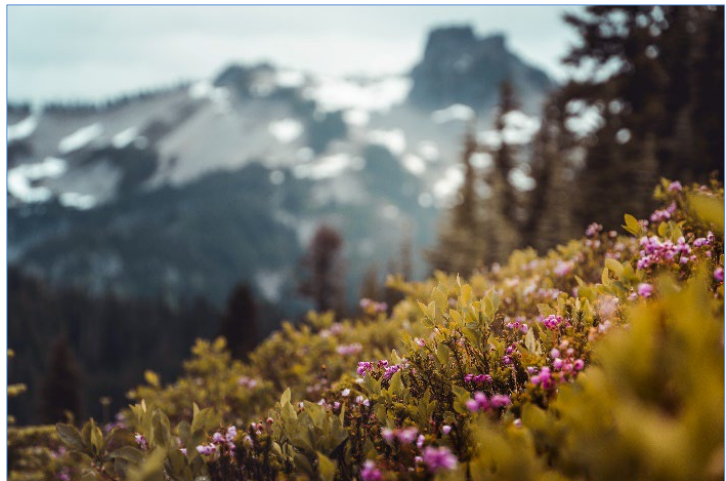
Ecology tackles diverse environmental challenges such as air pollution, contaminated drinking water wells, and leaking underground storage tanks.

We rely on scientific research and expertise, then share that information through education and outreach. Our infrastructure of databases and apps ties it together for both staff and public, such as What’s in My Neighborhood, Integrated Site Information System (ISIS), Cleanup Levels and Risk Calculation (CLARC), and the Environmental Information Management (EIM) System.

We’re working with other agencies such as the Departments of Health, Commerce, and Natural Resources to find solutions for complex problems like oil spills, affordable housing, and stormwater pollution.

We’re actively engaging with our neighbors, tribes, and stakeholders through open houses, listening sessions, comment periods, and advisory groups, to ensure that the public remains part of—and essential to—every successful outcome.

Each of Ecology’s programs focus on specific challenges and solve problems in different ways, but our end goal is the same: **to protect, preserve, and enhance Washington’s environment for current and future generations.**



**Figure 4:** Mount Rainier.  
Credit Tim Muangkeo on Unsplash.com

## 10 of Ecology's 11 programs received MTCA funding during the 2019–21 biennium

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About 40% of Ecology's operating budget comes from the MTCA accounts. Nine environmental programs and our administrative program received MTCA funding during the 2019–21 biennium. This section describes the type of work these programs do. Find detailed expenditures for each program in Tables 7 and 8 in Chapter 3. Find in-depth information about all of Ecology's programs, including authorizing laws, budgets, profiles, and performance measures, in [Ecology's Budget & Program Overview: 2019–21](#).<sup>9</sup>

### Toxics Cleanup Program (TCP)

The Toxics Cleanup Program is primarily responsible for implementing and enforcing MTCA cleanup provisions. In addition to overseeing or managing the cleanup of most hazardous waste sites in Washington, TCP staff regulate 9,000-plus underground storage tanks at more than 3,300 facilities statewide (primarily gas stations). TCP inspects about 1,200 facilities each year and provides technical assistance to their owners and operators. Much of our cleanup work is managing the 100-year-old legacy of historical contamination, where past industrial practices, accidental spills, former dump sites, and leaking tanks at former gas stations have contaminated our environment.



**Figure 5:** There are more than three billion gallons of fuel stored underground in Washington. The Toxics Cleanup Program works with tank owners and operators to ensure those tanks are installed, managed, and monitored, and that fuel remains safely stored until it is ready to use. Photo by Sippakorn Yamkasikorn on Unsplash.com

### Hazardous Waste and Toxics Reduction (HWTR)

The Hazardous Waste and Toxics Reduction Program is also responsible for implementing and enforcing MTCA. HWTR staff work to foster sustainability and prevent pollution. We work to ensure safe waste management of the millions of pounds of hazardous substances used and disposed of each year by businesses and households in Washington state. Over the longer term, HWTR works with businesses and governments to achieve a system where waste is viewed as inefficient, and most wastes and unnecessary use of toxic substances have been eliminated.

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<sup>9</sup> <https://apps.ecology.wa.gov/publications/SummaryPages/1901005.html>

## **Solid Waste Management Program (SWMP)**

The Solid Waste Management Program is also responsible for implementing and enforcing MTCA. Our staff coordinate solid waste and recycling programs in Washington, and work to reduce waste through prevention and reuse, keep toxics out of the environment, and safely manage what remains.

## **Nuclear Waste Program (NWP)**

The Nuclear Waste Program leads the effective and efficient cleanup of the U.S. Department of Energy's Hanford site in Washington. The Nuclear Waste Program also implements and enforces MTCA at the US Ecology, Inc. site located at Hanford along with other non-Hanford facilities such as Framatome, Puget Sound Naval Shipyard, and Perma-Fix Northwest. The program protects the air, water, and land at (and adjacent to) the Hanford site.

## **Air Quality Program (AQ)**

The Air Quality Program works to enhance and protect air quality in Washington state.

## **Environmental Assessment Program (EAP)**

The Environmental Assessment Program works to measure, assess, and communicate environmental conditions in Washington state.

## **Shorelands and Environmental Assistance Program (SEA)**

The Shorelands and Environmental Assistance Program works to create community conservation partnerships to protect and restore our shorelands, wetlands, and floodplains.

## **Water Quality Program (WQP)**

The Water Quality Program works to protect and restore Washington's waters to sustain healthy watersheds and communities. Our staff ensure that state waters support beneficial uses, including recreational and business activities, supplies for clean drinking water, and the protection of fish, shellfish, wildlife, and public health.

## **Spill Prevention, Preparedness, and Response Program (Spills)**

The Spill Prevention, Preparedness, and Response Program works to protect Washington's environment, public health, and safety through a comprehensive program that focuses on preventing oil spills to Washington's waters and land, and planning for—and delivering—a rapid, aggressive, and well-coordinated response to oil and hazardous substance spills wherever they occur.

## **Agency Administration Program, or “Program A”**

The Agency Administration Program, or “Program A,” is comprised of Information Technology Services, Administrative Services, Governmental Relations, Human Resources, Financial Services, and Communications. We direct and sustain Ecology’s effort to accomplish its mission—to protect, preserve, and enhance Washington’s environment for current and future generations.

## **A total of 12 state agencies received MTCA funding in the 2019–21 biennium**

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In addition to Ecology, the Legislature distributed MTCA funds to eleven other state agencies to support work promoting human health and the environment: **Departments of Agriculture, Commerce, Health, Fish & Wildlife, Natural Resources, and Revenue; State Conservation Commission; Puget Sound Partnership; University of Washington-Tacoma Campus; Washington State Patrol Fire Training Academy; and Washington State University.**

Find details about these agencies’ expenditures in Table 9 in Chapter 3.

## **Private and federal cleanups indirectly link to MTCA accounts**

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Cleanups discussed in this report aren’t the only ones underway in Washington—many more are happening across our state every day. Some are privately funded and others are conducted by the federal government at the Hanford Site and military facilities.

Even though cleanups such as these are not directly funded by the MTCA accounts, they involve Ecology staff who are, since these cleanups are either:

- a. Conducted under the formal regulatory oversight of Ecology staff who are paid from MTCA accounts, or
- b. Conducted independently with technical assistance from Ecology staff under the Voluntary Cleanup Program, who are paid from the MTCA accounts.

## **Ecology produces 4 recurring financial reports about cleanups**

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Ecology produces the MTCA Biennial Report of Expenditures in odd-numbered years, and the MTCA Ten-Year Financing Report in even-numbered years. Together, these reports comprehensively outline how we use and plan to use public funds to clean up and prevent the threats of hazardous waste. Table 1 compares the content found in these two major financial reports.

In addition to MTCA-funded cleanups and activities, we conduct cleanups that are funded by appropriations from the *Cleanup Settlement Account (CSA)*; we produce this report every year



in October. Activities supported by the *Brownfields Redevelopment Trust Fund (BRTF) Account* are the subject of another report we produce in October during odd-numbered years.

## **MTCA Biennial Report of Expenditures**

The MTCA Biennial Report of Expenditures looks to the past and reports on the recently ended biennium. It describes revenues, publicly funded cleanup expenditures, and activities that were supported by appropriations from the MTCA Operating Account, MTCA Capital Account, and MTCA Stormwater Account over the past two fiscal years. The report focuses on expenditures from MTCA Operating and Capital accounts for cleaning up hazardous waste sites. We report at a high level on the Stormwater Account, which Ecology uses for stormwater projects and activities that have proven to be effective at reducing impacts from existing infrastructure and development and enhance existing stormwater programs. It also provides high-level discussions of privately funded cleanups—many of which are either under direct regulatory oversight of Ecology, or are conducted by property owners who are seeking advice and assistance through Ecology’s Voluntary Cleanup Program. The report includes the Hazardous Sites List, 1,900-plus ranked sites where cleanup actions have yet to be completed. The Toxics Cleanup Program (TCP) produces this report in December each odd-numbered year. In 2013, this report replaced the Annual Report (which had reported on MTCA expenditures every fiscal year) and in 2017, we added “Expenditures” to its title (RCW 70A.305.030(5)).

## **MTCA Capital Account Ten-Year Financing Report**

The MTCA Capital Account Ten-Year Financing Report looks to the future, with an estimate of local governments’ and the state’s cleanup financing needs over the next ten years. The report identifies long-term remedial action estimated costs, and projects future needs for remedial actions that are eligible for funding from the MTCA Capital Account. It describes only publicly funded cleanups. It also includes the list of projects and grant programs we include in Ecology’s biennial budget request to the Governor. TCP produces this report in September each even-numbered year, in cooperation with local governments that have cleanup responsibilities (RCW 70A.305.030(4)). Find the 2020 Ten-Year Capital Report at <https://apps.ecology.wa.gov/publications/summarypages/1909051.html/summarypages/2009060.html>

## **Cleanup Settlement Account (CSA) Report**

The CSA Report describes work accomplished during the previous fiscal year (July 1 through June 30). It includes the Asarco bankruptcy settlement projects such as mine cleanups, the Everett Smelter, and the Tacoma Smelter Plume. The CSA holds funds from legal settlements or court orders that resolved liability for cleanup or natural resource damages, and links those funds to specific site or restoration efforts. TCP produces this report each year in October (RCW 70A.305.130(7)). Find the 2021 CSA report at <https://apps.ecology.wa.gov/publications/SummaryPages/2109081.html>

## **Brownfields Redevelopment Trust Fund (BRTF) Account Report**

The BRTF Account Report describes activity for each specific redevelopment opportunity zone or specific brownfield renewal authority for which specific legislative appropriation was provided in the previous two fiscal years. These are tools intended to help local governments clean up and reuse previously developed properties that are currently abandoned or underutilized. Ecology is required to produce this report after each biennium in October (RCW [70A.305.140\(9\)](#)).<sup>10</sup>

As documented in the 2021 BRTF Account Report, there was no legislative appropriation for the Account during the 2019-21 Biennium, and therefore no activity to report in 2021. To date—eight years after passage of the MTCA amendments creating the tools—no BRTF accounts have been established. Additionally, during the 2019-21 Biennium, Ecology was not notified of any other redevelopment opportunity zones or brownfield renewal authorities created by local governments.

Ecology identified several possible reasons for this, which we outlined in the report, [Redevelopment Opportunity Zones and Brownfield Redevelopment Trust Fund Accounts in Washington State: 2013-2017](#),<sup>11</sup> The BRFT Account Report describes what changes have been made to mitigate the problems the BRFT Account and other tools were originally created to solve.

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<sup>10</sup> <https://app.leg.wa.gov/RCW/default.aspx?cite=70A.305.140>

<sup>11</sup> <https://apps.ecology.wa.gov/publications/SummaryPages/1809048.html>

**Table 1:** Comparison of Ecology’s two major MTCA financial reports: the MTCA Biennial Report of Expenditures and MTCA Ten-Year Capital Account Financing Report.

<b>MTCA Biennial Report of Expenditures</b>	<b>MTCA Capital Account Ten-Year Financing Report</b>
Looks to the past with expenditures from the MTCA accounts over the last biennium.	Looks to the future with estimated costs from the MTCA Capital Account over the next ten years.
Documents the 1,900-plus ranked sites on Ecology’s Hazardous Sites List.	Lists cleanup sites and estimated funding needs self-reported by local governments, and provides separate budget estimates for large, multi-biennia cleanups that exceed \$10 million.
Highlights Ecology’s results, outcomes, and success stories.	Lists cleanup grant programs and projects included in Ecology’s biennial budget request.
Identifies operating and capital budget expenditures from the MTCA Capital, MTCA Operating, and MTCA Stormwater accounts by Ecology and other state agencies.	Identifies working capital reserves for the MTCA Capital Account for Ecology and local governments.
Identifies all sources of revenues (Hazardous Substance Tax and Ecology-generated revenues from cost recovery, fines, and other miscellaneous sources) deposited into and transferred out of the three MTCA accounts, and transfers between the accounts.	Identifies projected revenue for the three MTCA accounts based on the June forecast from Department of Revenue.
Discusses publicly funded cleanups, and privately funded cleanups at a high level.	Discusses only publicly funded cleanups.
Contains more detail about the Model Toxics Control Act, the MTCA accounts, and steps in the MTCA cleanup process; administrative options for cleanups; laws and liability; and public involvement opportunities.	Contains more detail about the types of remedial action grants available to local governments.
Produced by Ecology’s Toxics Cleanup Program in cooperation with other Ecology programs and state agencies.	Produced by Ecology’s Toxics Cleanup Program in cooperation with local governments that have cleanup responsibilities.
Due to the Legislature by December 1 in odd-numbered years. <a href="#">RCW 70A.305.030(5)</a>	Due to the Legislature by September 20 in even-numbered years. <a href="#">RCW 70A.305.030(4)</a>
<b>2019 MTCA Biennial Report of Expenditures:</b> <a href="https://apps.ecology.wa.gov/publications/SummaryPages/1909045.html">https://apps.ecology.wa.gov/publications/SummaryPages/1909045.html</a>	<b>2020 MTCA Capital Account Ten-Year Financing Report:</b> <a href="https://apps.ecology.wa.gov/publications/SummaryPages/2009060.html">https://apps.ecology.wa.gov/publications/SummaryPages/2009060.html</a>

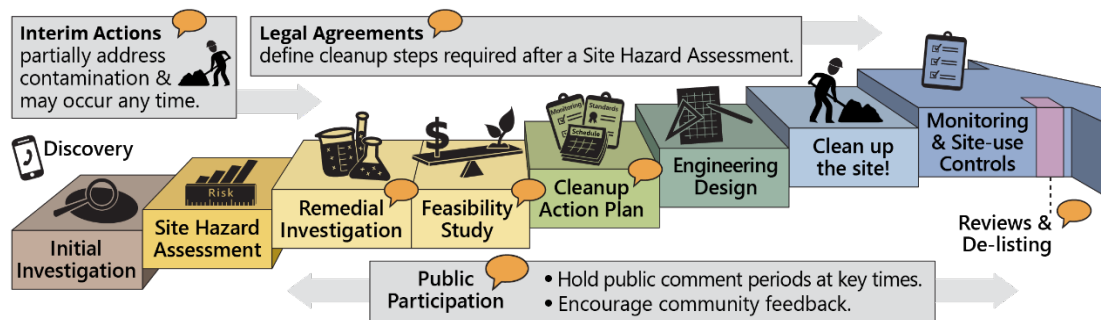
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## Chapter 2: The MTCA Cleanup Process

Over the last 100 years, past industrial practices and accidental spills have polluted Washington’s irreplaceable groundwater, soil, and sediment. The consequences of those events continue to threaten our state’s health today. This chapter defines cleanups, and describes the steps in the Model Toxics Control Act that help counter the threats. It outlines the administrative options for conducting cleanups; explains how we track sites in our database; and summarizes the laws and liability for those who are cleaning up sites. It also describes the many ways the public can get involved.

Since MTCA became law 32 years ago in 1989, Ecology has worked to isolate and remove historical contamination and prevent threats like these in the future. As of June 30, 2021, we had identified 13,700-plus sites as having confirmed or suspected contamination, and completed cleanups on more than 7,400 of them. We use MTCA’s step-by-step process to clean up these sites, remove contamination that can harm Washington residents, wildlife, and economy, and restore critical habitats.

The MTCA cleanup process powers Ecology’s work to conduct and oversee cleanups, and empowers *people* to play a role in protecting their communities.



**Figure 6:** MTCA Cleanup Process encourages public participation.

### What is a cleanup?

Cleanups are often considered construction projects that remove or immobilize contamination and put properties back into use. We frequently use the phrases *cleanup*, *cleanup site*, *contaminated site*, and *hazardous waste site* interchangeably. MTCA’s regulations defines a *hazardous waste site* as any site that Ecology has confirmed a release or a threatened release of a hazardous substance requiring remedial action ([WAC 173-340-200](#)).

Cleanup sites are defined by the nature and extent of contamination associated with one or more releases of hazardous substances. A complex site, for instance, requires more time and money to clean up. One example of a complex site is a co-mingled plume of chemicals at a

former dry cleaners, where chemicals have seeped into soil and groundwater, then vaporize through cracks of nearby buildings—a complex problem known as *vapor intrusion*.

A routine site takes less time and money, such as a leaking underground storage tank where only petroleum has impacted soil or groundwater. Sites can be small like a petroleum spill at a gas station, or enormous like those in Tacoma and Everett that span thousands of acres as a result of untreated smelter deposits of arsenic and lead for nearly 100 years.

Contamination found on land (called *upland sites*) can affect more than one parcel of real property and impact soil and groundwater for miles. Contamination along our waterways (called *sediment sites*) can damage the fragile aquatic environment, including vegetation, biota, and water quality. *Cleanup actions* (also called *cleanups* or *remedial actions*) are the collective planning, investigative, and technical work needed to clean up these contaminated sites.

Cleanups can be loud, dirty, and costly, but they are always worth it. They protect our health, facilitate habitat restoration, and help transform formerly unusable properties into thriving community and economic centers.



**Figure 7:** Thirteen thousand tons of contaminated soil had to be removed before construction could begin on a Seattle project expected to create about 150 new affordable housing units. Read the Maddux Site success story in Chapter 6. Photo credit K.Smith, Ecology (2021)

## Steps in the formal MTCA cleanup process

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*Formal cleanups* are those conducted by a potentially liable person under an order or decree that are supervised by Ecology, or those conducted by Ecology through contracted private companies. *Independent cleanups* are those conducted by property owners on their own or with technical assistance from Ecology or the Pollution Liability Insurance Agency (PLIA). Learn more about the differences between formal and independent cleanups later in this chapter (“Three options for conducting a MTCA cleanup”).

Ecology uses the MTCA cleanup process to conduct formal cleanups. Property owners who conduct independent cleanups might not follow all these steps, but must still meet MTCA's cleanup standards and other key cleanup requirements. The cleanup process, steps, and requirements, which are set forth in the MTCA Cleanup Rule (Chapter 173-340 WAC), are summarized below and highlighted in Figure 4. As we note in Chapter 5, not all sites will follow this process; many smaller-scale sites may be cleaned up at the Initial Investigation stage.

1. **Site Discovery & Initial Investigation.** Sites can be discovered through reports from property owners, employees, neighbors, or other agencies. We'll complete an Initial Investigation to determine if the site needs further investigation. Property or tank owners may clean up the site at this stage. If not, we'll add it to our [Confirmed & Suspected Contaminated Sites List](#) (discussed in greater detail later in this chapter).
2. **Hazard Assessment.** We'll rank the site's hazard by comparing it to known sites. If it's a threat, it goes on our [Hazardous Sites List](#) (see Chapter 5).
3. **Remedial Investigation (RI).** After a detailed workplan is prepared that describes how the investigation will be done, an RI is conducted to define the nature, extent, and magnitude of pollution at the site. Find opportunities to comment in the [Site Register](#) and Ecology's [public involvement listing](#).
4. **Feasibility Study (FS).** This study uses information from the RI and identifies and analyzes cleanup alternatives. Find opportunities to comment in the [Site Register](#) and Ecology's [public involvement listing](#).
5. **Cleanup Action Plan (CAP).** We'll collaborate with property owners and other parties to develop a cleanup action plan that specifies cleanup standards and methods. The plan describes the steps to be taken, the schedule, and any environmental monitoring that will be required during and after the cleanup. Opportunities to comment and attend public meetings can be found in the [Site Register](#) and Ecology's [public involvement listing](#).
6. **Cleanup.** We'll work with the people responsible to clean up and remove sources of pollution. Engineering Design Reports developed during this step define the cleanup activities themselves, such as how we'll remove a leaking underground storage tank. The cleanup efforts to remove or isolate contamination from our environment can be dirty, costly, and take years to complete. We sometimes refer to this as “cleanup

construction,” since the term “cleanup” can generally apply to many stages of the cleanup.

7. **De-list the site.** We'll remove the site from the Hazardous Sites List after it meets all cleanup standards and requirements. Opportunities to comment on can be found in Ecology's [Site Register](#) and [public involvement listing](#).
8. **Take interim actions.** At any time during the cleanup process, we may take legal measures and extra steps to reduce the risk to human health and the environment, and partially clean up the contamination.

An example of an interim action might be referring cleanup emergencies to Ecology's Spills Program for immediate action. We may also conduct monitoring, Five-Year Periodic Reviews, and ongoing operations and maintenance to ensure cleanups meet MTCA standards and protect human health. We may use institutional controls, such as *environmental covenants*, that prohibit certain activities that could expose people to contamination remaining at a site, or impact a cleanup's integrity over time.

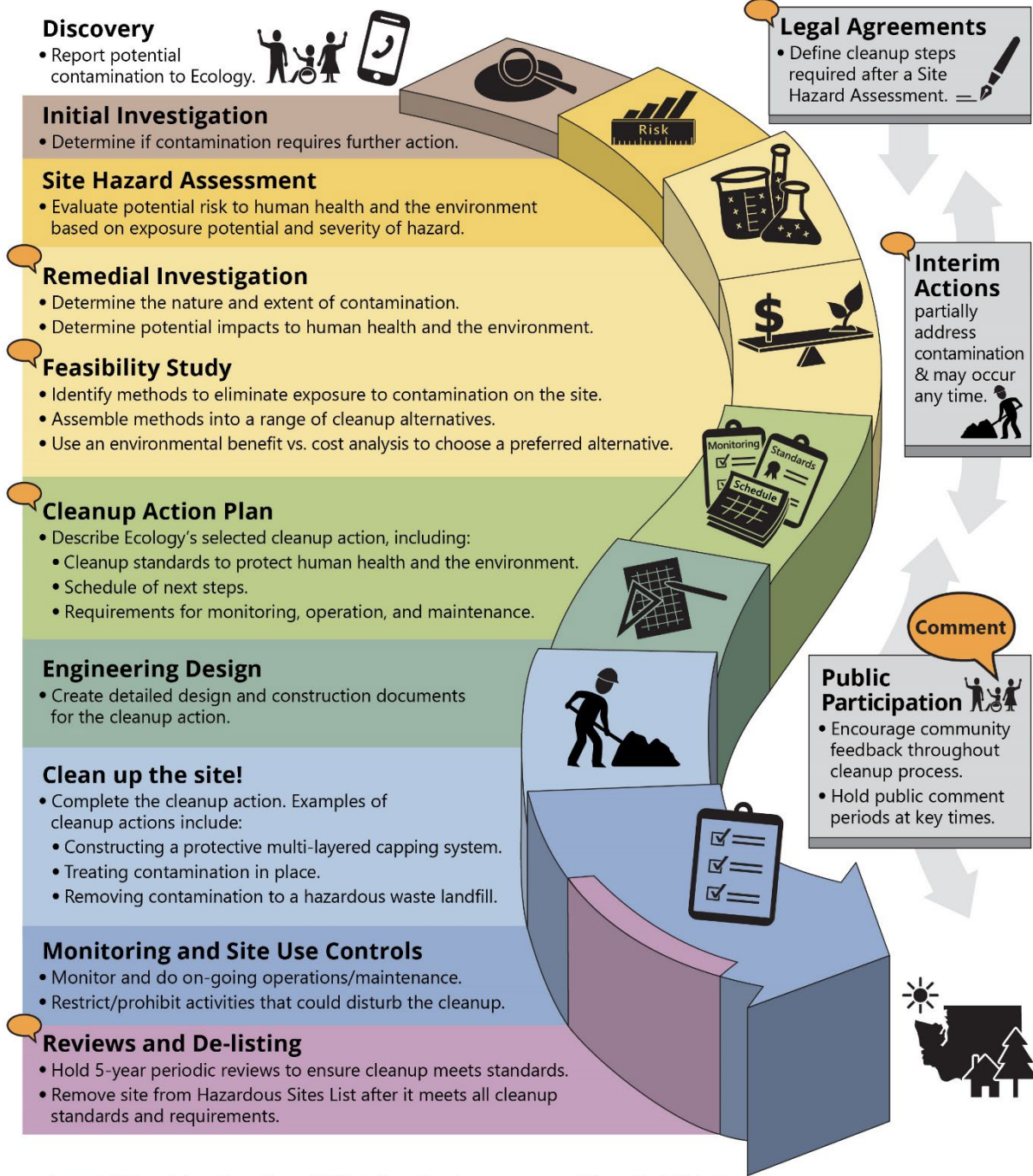
Other examples of interim actions for formal cleanups might be issuing legal documents—such as an *agreed order* (which are available for public comment) to formalize an agreement between Washington state and potentially liable persons (PLPs) for actions needed at the site, or an *enforcement order* requiring cleanup.

Courts of law may order a *consent decree*, which formalizes an agreement between Washington state and PLPs about actions needed at the site; a *de minimis consent decree*, stating that the amount of contamination contributed by one or more PLPs is insignificant in amount or toxicity; or a *prospective purchaser consent decree*, indicating that a person who wants to purchase, redevelop, or reuse the site, is not currently liable for cleanup at a site.





# Washington's Formal Cleanup Process



## Washington's Cleanup Law

Model Toxics Control Act (MTCA)

MTCA defines the cleanup process. This public-initiated environmental law directs upland cleanups (on land or in groundwater) and sediment cleanups (in freshwater or marine environments). Ecology enacts MTCA and regulates the cleanup process.

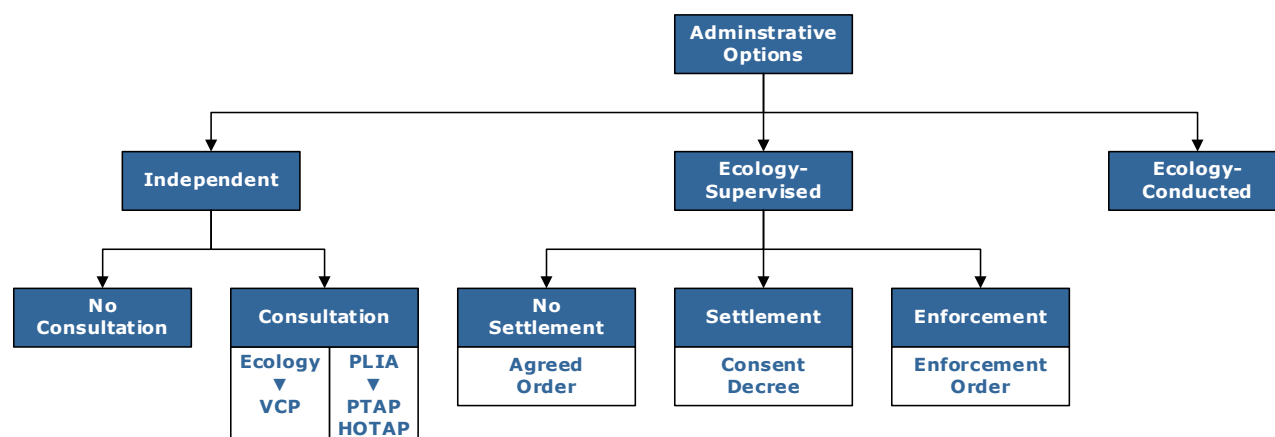
September 2019  
Ecology Publication 19-09-166

**Figure 8:** Steps in the formal MTCA cleanup process. Comment periods can be combined and only apply: a) to sites being cleaned up by Ecology (through contractors) or by responsible persons under an order or decree; or b) when a site is being de-listed from the Hazardous Sites List.

## Three options for conducting a MTCA cleanup

There are three administrative options for conducting a MTCA cleanup (Figure 9):

1. **Independent cleanups by property owners.** These are cleanups conducted by property owners on their own or with technical assistance from Ecology or the Pollution Liability Insurance Agency (PLIA). These **independent cleanups** must meet MTCA standards, but owners set their own timelines. Owners can ask for help through Ecology’s Voluntary Cleanup Program (VCP) or PLIA’s Petroleum and Heating Oil Technical Assistance Programs (PTAP and HOTAP), but aren’t required to do so. The only time the public can provide input is if a site is being removed from the Hazardous Sites List.
2. **Ecology-supervised cleanups by potentially liable persons.** These **formal cleanups** are conducted by a potentially liable person under an agreed order, enforcement order, or a court-approved consent decree (known as a settlement). Ecology-supervised cleanups must meet MTCA standards. The public can provide input throughout the cleanup process.
3. **Ecology-conducted cleanups.** These **formal cleanups** are conducted by Ecology, usually when no potentially liable person can be identified or when such persons are unable or unwilling to pay for the cleanup. Ecology contracts with private companies to perform the cleanups. Ecology-conducted cleanups must meet MTCA standards. The public can provide input throughout the cleanup process.



**Figure 9:** Administrative options for cleanup. Options include: 1) independent cleanups by property owners, on their own or with technical assistance from Ecology or the Pollution Liability Insurance Agency (PLIA); 2) Ecology-supervised cleanups by potentially liable persons under an agreed order, consent decree, or enforcement order; or 3) Ecology-conducted cleanups.

## **Independent and formal cleanup options in detail**

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### **1. Independent cleanup with no consultation.**

Anyone may conduct remedial actions independently at a contaminated site if Ecology is not:

- Supervising remedial action at the site under an order or decree; or
- Negotiating an order or decree that will govern remedial action at the site.

Under this option, a person may perform the cleanup independently, without any Ecology supervision or consultation or public involvement. In these situations, the person conducting the cleanup does not get an opinion from Ecology on the sufficiency of the cleanup or settle with the state for that person's liability for that cleanup.

### **2. Independent cleanup with Ecology consultation under Voluntary Cleanup Program.**

Under this option, a person can conduct the cleanup independently and request technical assistance and an opinion from Ecology on the sufficiency of the cleanup. Ecology provides these services for a fee, which is deposited into the MTCA Capital Account. The fee pays for Ecology consultations and review, and Ecology does not involve the public in the decision-making process.

#### *Benefits of this approach:*

- The person conducting the cleanup controls the scope and schedule of the cleanup, and determines the nature and extent of state involvement.
- The person conducting the cleanup can get an authoritative opinion from the state, which is a neutral third party to any property transaction. A "no further action" opinion from the state usually satisfies financial institutions' requirements.

#### *Limitations of this approach:*

- This option does not settle liability with the state or provide protection from third party contribution claims.
- This option is designed for the vast majority of contaminated sites (such as commercial gas stations), which are smaller and less complex. It is not designed for larger and more complex sites that may, for example, impact multiple properties; have groundwater or sediments contamination; or affect the health of people in the area of the site. Ecology typically requires that cleanups at larger, complex sites be done under our supervision and with public involvement in the decision-making process.

### **3. Independent cleanup with PLIA consultation under Petroleum Technical Assistance Program (PTAP) or Heating Oil Technical Assistance Program (HOTAP).**

Tank owners and operators who independently clean up their sites may apply to receive technical assistance and written opinions from PLIA for a one-time, flat fee. For more information on fees and what sites qualify, visit [www.plia.wa.gov](http://www.plia.wa.gov). Ecology's [Agency Determination Checklist](#)<sup>12</sup> helps tank owners determine if VCP or PTAP is most appropriate for their site-specific, technical consultation needs. Beginning in July 2017, Ecology's VCP no longer accepts heating oil cleanups that are eligible for PLIA's Heating Oil Technical Assistance program (HOTAP); instead, they are now all managed under HOTAP.

### **4. Ecology-supervised cleanup with no liability settlement under an agreed order.**

Under this option, Ecology supervises the cleanup under an agreed order. Potential liable parties negotiate schedules with Ecology. Public involvement opportunities occur throughout the process. However, unlike a consent decree, an agreed order does not settle liability with the state or provide protection from third-party contribution claims. For this reason, Ecology primarily uses agreed orders during the remedial investigation and feasibility study phases. (See Figure 4, "Steps in the Cleanup Process.")

### **5. Ecology-supervised cleanup with liability settlement under a consent decree.**

Under this option, Ecology and the Attorney General supervise the cleanup under a consent decree, which is a formal legal agreement filed in court. As under an agreed order, potential liability parties negotiate schedules with Ecology. Public involvement opportunities occur throughout the process as shown in Figure 8. However, unlike an agreed order, a consent decree allows persons to settle their liability to the state and provides protection from third-party contribution claims. Because the scope of liability usually cannot be determined until the nature and extent of the contamination has been determined and a cleanup action selected, Ecology usually uses consent decrees during the cleanup phase.

### **6. Ecology-supervised cleanup under an enforcement order.**

Under MTCA, Ecology has the option to issue an enforcement order to compel potentially liable person to conduct cleanups. Violations of such an order can result in substantial fines and penalties. Public involvement opportunities occur throughout the process as shown in Figure 4.

### **7. Ecology-conducted cleanup.**

Ecology conducts cleanups when we cannot identify a potentially liable person or when such persons are unable or unwilling to pay for the cleanup. Ecology contracts with private

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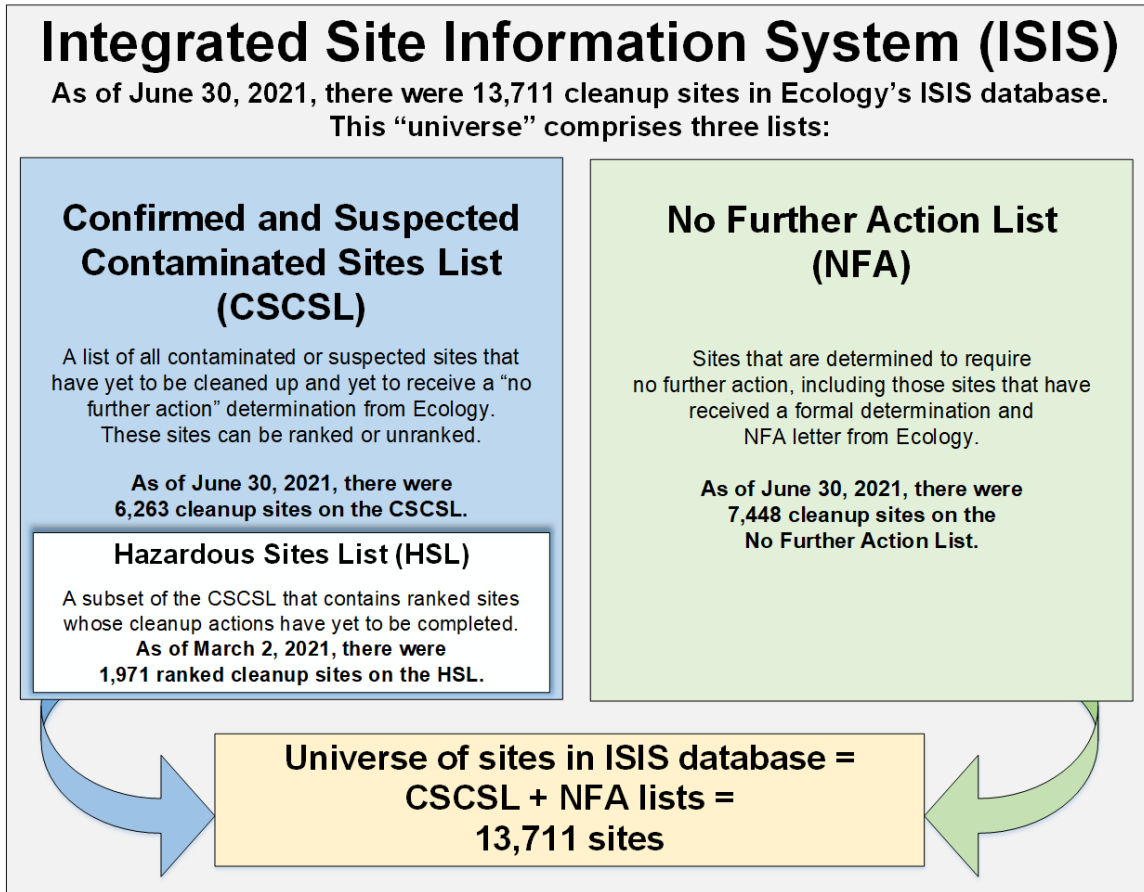
<sup>12</sup> <https://apps.ecology.wa.gov/publications/SummaryPages/ECY070620.html>

companies to perform the cleanups. Public involvement opportunities occur throughout the process as shown in Figure 8.

## **Tracking the details in Ecology’s Integrated Site information System**

The Integrated Site Information System (ISIS) is Ecology’s internal environmental database that tracks all 13,700-plus known hazardous waste sites. We use ISIS to catalog new sites, help prioritize our work, and track a cleanup’s progress. All of the cleanups found in ISIS sort into three lists that the public can download. Figure 10 shows the number of sites on each list as of June 30, 2021.

1. **Confirmed and Suspected Contaminated Sites List (CSCSL)** identifies sites that are undergoing cleanup, awaiting cleanup, or awaiting further investigation, and have yet to receive a No Further Action (NFA) determination:  
<https://apps.ecology.wa.gov/tcpwebreporting/reports/cleanup/contaminated>
2. **No Further Action (NFA) List** identifies sites that have cleaned up their contamination but have received a No Further Action (NFA) determination:  
<https://apps.ecology.wa.gov/tcpwebreporting/reports/cleanup/nfa>
3. **Hazardous Sites List (HSL)** is a subset of ranked sites on the Confirmed and Suspected Contaminated Sites list, whose cleanup actions have yet to be completed:  
<https://apps.ecology.wa.gov/publications/UIPages/PublicationList.aspx?IndexTypeName=Program&NameValue=Toxics+Cleanup&DocumentTypeName=Newsletter>



**Figure 10:** Ecology’s ISIS database comprises sites on the Confirmed and Suspected Contaminated Sites List, Hazardous Sites List, and No Further Action List.

**How does a site get placed on the Confirmed and Suspected Contamination Sites List (CSCSL)?**

Ecology can become aware of potential contamination in many ways, such as a complaint from a neighbor, or reports from other government officials, employees, or former employees. Owners and operators of facilities (like gas stations and tank farms) must also report the discovery of any release of a hazardous substance that may pose a threat to human health or the environment. Anyone is encouraged to report knowledge of such releases. We may also receive reports as a result of disclosure requirements in real estate laws, or Phase I or Phase II environmental assessments required by lenders.

There are several steps through which we place a site on the CSCSL:

1. Upon being notified of a suspected release, Ecology or our designee must complete an Initial Investigation (II) of the facility to confirm the release. Before 2017, we often contracted with local health departments to conduct these investigations. The Pollution Liability Insurance Agency (PLIA) performs all Initial Investigations. PLIA only completes

initial investigations of suspected heating oil sites. Investigations typically involve reviewing available facility records and may include inspecting the facility and conducting limited testing to determine if the site needs further investigation, emergency cleanup, or no further action.

2. If we confirm through the Initial Investigation that there has been a release that requires further remedial action, the site is entered into ISIS as having “confirmed or suspected contamination” and placed on the CSCSL. These may need cleanup under MTCA. A notice of the CSCSL listing is sent to the owners and operators of the facility and any other potentially liable persons known to Ecology.
3. Typically, a site hazard assessment is performed using the Washington Ranking Method (WARM) to confirm the presence of hazardous substances and identify the relative threat the site poses to human health and the environment. The resulting WARM score is a number from 1 to 5, where “1” represents the highest level of potential threat and “5” the lowest. Some factors that enter into a site hazard assessment include the amount and type of contaminants present, and how easily contaminants could come into contact with human and ecological receptors. The level of public concern is not considered when ranking a site using WARM. However, it is considered when establishing cleanup priorities, as noted later in this report.

If we determine that further action is not required, the site is identified in ISIS as “no further action required.” Ecology can make a No Further Action letter at any point during the cleanup process. However, we may not always issue a formal No Further Action (NFA) letter particularly for sites that are cleaned up before going through the SHA process.

### **How does a site get removed from the Hazardous Sites List?**

We add a site to the HSL after we have ranked it based on the results of the Site Hazard Assessment. We remove it from the HSL and designate it “no further action” when:

a) cleanup actions are completed; b) cleanup standards are met; and c) a 30-day public comment period to remove the site from the Hazardous Sites List has been conducted.

See Chapter 5 and Appendix H for more information about the Hazardous Sites List and Washington Ranking Method (WARM).

## Find out what's happening with a cleanup

Table 2 describes how you can learn about cleanups that are happening in your community.

**Table 2:** Online resources to find out what's happening with cleanup sites in your community.

Resource	Description	Link
<b>What's in My Neighborhood</b> (interactive map)	Search for cleanups in your neighborhood using this interactive map that draws data from ISIS and other databases.	<a href="https://apps.ecology.wa.gov/neighborhood/">https://apps.ecology.wa.gov/neighborhood/</a>
<b>Cleanup and Tank Search (or CATS, formally called TCP Web Reporting)</b> (online application)	Download reports, lists, and maps such as <b>Underground Storage Tanks, VCP wait lists, Brownfields sites, Tacoma and Everett smelter plume's Dirt Alert map, and Confirmed and Suspected Contamination Sites</b> . Cleanup and Tank Search (CATS) pulls data from Ecology's ISIS and Underground Storage Tank databases.	<a href="https://apps.ecology.wa.gov/cleanupsearch/">https://apps.ecology.wa.gov/cleanupsearch/</a>
<b>Cleanup Site Search</b> (database)	Search all of Washington's 13,700-plus contaminated sites using data pulled from our ISIS database. Each site links to its own webpage (called a "generated site page") where you can find photos, documents, and details about the cleanup.	<a href="https://apps.ecology.wa.gov/gsp/SiteSearchPage.aspx">https://apps.ecology.wa.gov/gsp/SiteSearchPage.aspx</a>
<b>Site Register</b> (newsletter)	Find announcements about specific sites, policy updates, and rulemakings in this online newsletter that we publish twice a month.	<a href="https://apps.ecology.wa.gov/publications/UIPages/PublicationList.aspx?IndexTypeName=Program&amp;NameValue=Toxics+Cleanup&amp;DocumentTypeName=Newsletter">https://apps.ecology.wa.gov/publications/UIPages/PublicationList.aspx?IndexTypeName=Program&amp;NameValue=Toxics+Cleanup&amp;DocumentTypeName=Newsletter</a>
<b>Hazardous Sites List</b> (newsletter)	The HSL is a special edition of the <i>Site Register</i> published twice a year in February and August/September. Every two years near the end of each biennium, we also publish it in the MTCA Biennial Report of Expenditures (Appendix H).	<a href="https://apps.ecology.wa.gov/publications/UIPages/PublicationList.aspx?IndexTypeName=Program&amp;NameValue=Toxics+Cleanup&amp;DocumentTypeName=Newsletter">https://apps.ecology.wa.gov/publications/UIPages/PublicationList.aspx?IndexTypeName=Program&amp;NameValue=Toxics+Cleanup&amp;DocumentTypeName=Newsletter</a>



## Washington has 13,700-plus contaminated sites and the number keeps growing

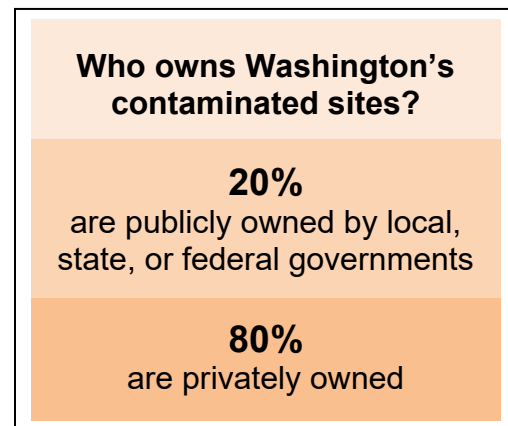
As of June 30, 2021, Ecology identified 13,711 known or suspected contaminated sites in Washington. ISIS captures this “universe” of sites and sorts it into three lists:

1) **Confirmed and Suspected Contaminated Sites List (CSCSL)**; 2) **Hazardous Sites List (HSL)**, which is a subset of the CSCSL; and 3) **No Further Action List**. See Figure 10.

Sites on these lists are at varying stages of investigation and cleanup. As of June 30, 2021, there were a total of 13,711 sites in ISIS: 6,263 cleanup sites on the CSCSL (which includes 21 sites tracked by EPA) and 7,448 sites on the No Further Action List.

We’ve been tracking this information since the MTCA Cleanup Rule was adopted in 1990, and the universe of sites is continuing to expand. Since 2000, Ecology and cleanup contractors complete cleanups at an average rate of 232 sites each year, but about 300 to 350 new contaminated sites are discovered and reported each year. Simply put: new sites continue to arrive faster than individual ability, private resources, or public funding can clean them up.<sup>13</sup>

We update the ISIS database with new sites that are reported to Ecology, and with status changes for individual sites (for example, when a site’s cleanup actions are completed). Ecology uses several categories to classify these sites in ISIS. As of June 30, 2021:



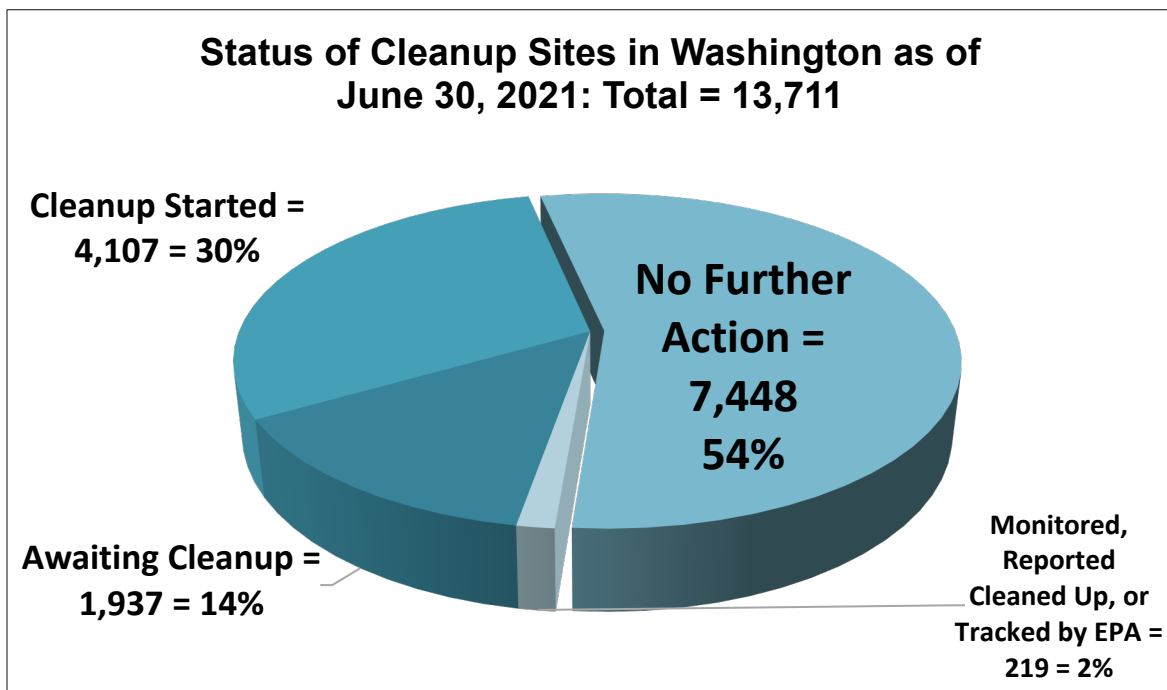
- **No Further Action List = 7,448 sites.** Ecology determined that 7,448 sites in Washington have been cleaned up and required no further action. This category includes sites that have been issued a formal NFA letter from Ecology, as well as those that did not need a formal written letter. Ecology can make the determination that no further action is required at any stage in the cleanup process including the Initial Investigation or Site Hazard Assessment stage.<sup>14</sup>
- **Cleanup Started = 4,107 sites.** These are sites where investigations and cleanup actions have begun. This includes sites that are doing testing and engineering analyses to develop a cleanup plan, as well as sites that have done partial cleanups (“interim actions”) that have not been completed for a variety of reasons.

<sup>13</sup> The majority of new sites reported to Ecology contain “old” or “legacy” pollution, e.g., petroleum from leaking tanks under former gas stations or former dump sites. Most of these new sites are reported by the public or consultants who are doing due diligence for property transactions. Ecology does not actively seek new sites unless conducting a broad geographic cleanup action, such as area-wide or bay-wide cleanup.

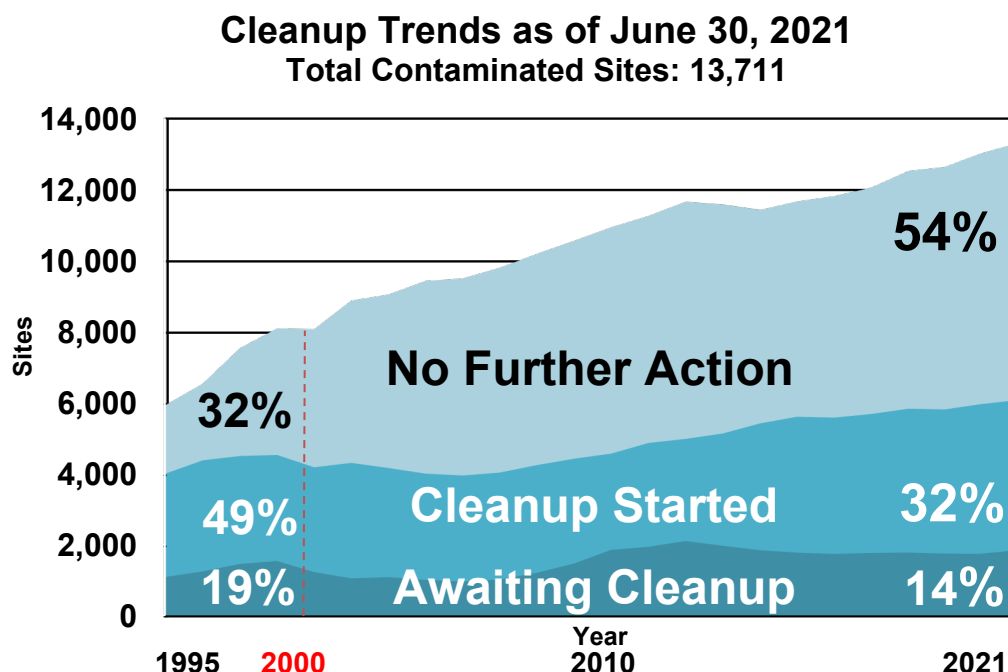
<sup>14</sup> Sites with minor contamination are often cleaned up at the Initial Investigation or Hazard Assessment stage.

- **Awaiting Cleanup = 1,937 sites.** These are sites that have not started any cleanup actions, which typically include sites that do not pose an immediate threat but still need to be cleaned up.
- **Undergoing Monitoring –and– Reported Cleaned Up = 198 sites.** These comprise:
  - 83 sites where construction is complete and cleanup actions involve ongoing operation and maintenance monitoring, such as groundwater pump and treatment systems (Construction Complete / O&M Monitoring).
  - 115 sites where compliance monitoring remains to be completed to ensure the cleanup was successful (Performance Monitoring).
  - 5 sites have been reported cleaned up by property owners and other persons (Reported Cleaned Up or RCU).
- **Tracked by EPA = 21 sites.** These sites are in our ISIS database but are tracked and managed by the EPA.

Figures 11 and 12 show the status of sites through June 30, 2021, and the progression of site status since 1995, respectively. The charts include sites that are tracked by the U.S. Environmental Protection Agency (EPA), or federal facilities for the military and U.S. Department of Energy. Ecology staff often work with the EPA and other branches of the federal government to make sure these cleanups comply with Washington state law.



**Figure 11:** Status of cleanup sites in Washington state as of June 30, 2021.



**Figure 12:** Progression of site status since the mid-1990s. Starting in 2000, between 300 and 350 new sites have been discovered and reported to Ecology every year. Not reflected in this graph are sites being monitored (198 sites), reported cleaned up (5 sites), or tracked by EPA (21 sites) as of June 30, 2021.

## Laws and liability

### MTCA governs the cleanup of contaminated sites

Contaminated site cleanups in Washington are governed by the Model Toxics Control Act (MTCA), Chapter 70A.305 RCW.<sup>15</sup> The cleanup law was passed by the voters as Initiative 97 in November 1988, and became law on March 1, 1989.

Ecology has also written and adopted regulations under MTCA to guide the investigation and cleanup of hazardous waste sites. These regulations, known as rules, set cleanup standards and other requirements and help us put MTCA into action:

- Chapter 173-340 WAC, Model Toxics Control Act Cleanup Regulation (MTCA Cleanup Rule).<sup>16</sup>
- Chapter 173-204 WAC, Sediment Management Standards (Sediment Cleanup rule).
- Chapter 173-322A WAC, Remedial Action Grants and Loans (RAG rule).

<sup>15</sup> Formerly Chapter 70.105D RCW. In 2020, Washington state recodified several laws including the Hazardous Waste Cleanup—Model Toxics Control Act (MTCA).

<sup>16</sup> In December 2018, Ecology launched a multi-year process to update the rule: <https://ecology.wa.gov/Regulations-Permits/Laws-rules-rulemaking/Rulemaking/WAC-173-340>

Cleanups in Washington may also be managed by the U.S. Environmental Protection Agency (EPA) under the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 42 U.S.C. Sec. 9601 et seq., which is commonly known as Superfund. The implementing regulations are in the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), 40 C.F.R. Part 300.

The federal Superfund program is intended to address many of the larger and more complex contaminated sites throughout the United States, including Washington. EPA assesses and lists these sites on the National Priorities List (NPL). Ecology includes NPL sites on the state HSL and gives them a rank of zero. Notably, petroleum-contaminated sites, which are the most common type of site, are not subject to regulation under the federal Superfund law. NPL sites are managed either by EPA, Ecology, or both in accordance with a memorandum of agreement between the agencies.

Cleanups conducted under the federal Superfund law must comply with all applicable state laws, including MTCA. At sites where EPA is conducting the cleanup using Superfund moneys, the state is responsible for funding a share of the cleanup cost, including a portion of the construction costs and all of the long-term operation and maintenance costs.

### **Ecology and PLIA conduct work under MTCA**

Four Ecology programs, primarily the Toxics Cleanup Program (TCP), are responsible for implementing and enforcing MTCA cleanup efforts. The Pollution Liability Insurance Agency (PLIA) facilitates independent cleanups and conducts Initial Investigations of suspected heating oil tank releases.

- **Toxics Cleanup Program** is primarily responsible for implementing and enforcing MTCA, and overseeing or managing the cleanup of most hazardous waste sites in the state. Under the Voluntary Cleanup Program, TCP facilitates independent cleanups by providing property owners advice on how to conduct their cleanups and written opinions on the sufficiency of their cleanups. TCP is responsible for developing the rules and guidelines governing the cleanup of hazardous waste sites. It manages the Remedial Action Grant program that funds cleanups by local governments. It also manages the Brownfields program, whose staff work with local governments to facilitate the cleanup and redevelopment of brownfields. TCP's Underground Storage Tank program staff regulate and periodically inspect about 9,000 tanks at over 3,300 fueling and other facilities statewide.
- **Hazardous Waste and Toxics Reduction Program** is responsible for overseeing the cleanup of releases from hazardous waste treatment, storage, and disposal facilities regulated under the Hazardous Waste Management Act, Chapter 70A.300 RCW.
- **Solid Waste Management Program (formerly Waste 2 Resources Program)** is responsible for overseeing the cleanup of releases from large industrial facilities (pulp

and paper mills, petroleum refining and distribution systems, and aluminum smelters) and permitted landfills.

- **Nuclear Waste Program** is responsible for ensuring that the cleanup of sites contaminated with hazardous substances on the Hanford Nuclear Reservation is conducted consistent with state law.
- **The Pollution Liability Insurance Agency** facilitates independent cleanups of petroleum storage tank releases under MTCA by providing property owners advice on how to conduct their cleanups, and written opinions on the sufficiency of their cleanups, through their Heating Oil Petroleum Technical Assistance Program (HOTAP) and their Petroleum Technical Assistance Program (PTAP). PLIA also conducts Initial Investigations of suspected heating oil tank releases. Learn more about PLIA at [www.plia.wa.gov](http://www.plia.wa.gov).

### Who pays for cleaning up hazardous waste sites?

In general, cleanups are paid for by the persons responsible (liable) for the hazardous waste site. MTCA specifies who is liable. When a local government is a liable party, Ecology has the authority under MTCA to provide them grants to help pay for the cleanup. These “remedial action grants” are primarily funded by the MTCA accounts. State Building Construction Account bonds have also been appropriated to cleanup for a variety of reasons. Most recently, bond appropriations were made when the MTCA accounts experienced revenue shortfalls.

Ecology typically conducts and pays for cleanups when:

- The liable persons are unwilling to clean up the site.
- No liable person can be identified (e.g., the site has been abandoned).
- The liable person is unable to pay (e.g., the business is bankrupt).
- The liable person has a limited ability to pay. In such cases, Ecology has the authority under MTCA to enter into a mixed funding agreement, that is, using a mix of public and private funds to pay for the cleanup.

Cleanups conducted by Ecology are primarily funded by the MTCA accounts. Ecology has the authority to, and often does, recover its costs for conducting these cleanups.

Chapter 4 provides information on the cleanups conducted or funded by Ecology during the 2019–21 biennium. Chapter 4 also provides information on the costs recovered from liable persons.

## Who is liable for cleanups of hazardous waste sites? <sup>17</sup>

Under MTCA, the following persons<sup>18</sup> may be liable for releases of hazardous substances at a facility, and may be required by Ecology to clean up or pay for the cleanup:

- The current owner or operator of the facility.
- Persons who owned or operated a facility at the time of the release.
- Persons who generated hazardous waste disposed of, or treated at, the facility.
- Persons who arranged for the disposal or treatment of a hazardous substance at the facility.
- Persons who transported a hazardous substance for disposal or treatment at the facility, if the facility could not legally receive the substance.
- Persons who sell and provide written instructions for the use of a hazardous substance, if a person following those instructions causes the release.

## Nature and scope of a person's liability

Each person who is liable to the state under MTCA is strictly liable, jointly and severally, for all remedial action costs and for all natural resource damages resulting from the release or threatened release of hazardous substances at a site.

- **Strict liability** means that a person falling within the definition of a liable person is liable for the costs and damages resulting from the release or threatened release of hazardous substances at a site, without regard to fault.
- **Joint and several liability** means that each liable person can be liable for all the costs and damages resulting from the release or threatened release of hazardous substances at a site, regardless of fault.

## What must a liable person do to resolve their liability?

To resolve their liability to the state under MTCA, a liable person must obtain a settlement with the state. A liable person does this by entering into a consent decree with Ecology and the Attorney General.

## A person can take legal action to require other liable persons to share in the cost of a cleanup

Persons who incur remedial action costs may bring a private right of action, including a claim for contribution, against other liable persons under MTCA to recover their costs. Persons may only recover the costs of remedial actions that are the substantial equivalent of Ecology-conducted

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<sup>17</sup> This is a summary of the statutory requirements. For exact language, see Chapter [70A.305](#) RCW.

<sup>18</sup> "Person" includes businesses and governmental entities, in addition to individuals.

or Ecology-supervised remedial actions. The court decides whether remedial actions are substantially equivalent.

## **How can the public can get involved in the cleanup process?**

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### **Local public interest groups affected by contamination can apply for grants**

Public interest groups living near contaminated sites may apply for Public Participation Grants (PPGs) during open application periods. These grants help citizen groups receive technical assistance to understand the cleanup process and create additional avenues for people to participate during a cleanup. Eligible projects include those that encourage public involvement in the investigation and cleanup of contaminated sites, and those that encourage public involvement to eliminate or reduce waste. Two examples of grants funded by the MTCA accounts during the 2019–21 biennium include:

- ***Hanford Education and Outreach with Yakama Nation***, for collaboration with the Yakama Nation Tribal School to educate and encourage students on the Yakama Reservation and Treaty territory to engage in Hanford cleanup decisions.
- ***Refugee and Immigrant Fishing Community Environmental Education***, for environmental education workshops for King County immigrant and refugee fishing communities so they can provide input on Washington's Toxics in Fish strategies and learn how to reduce toxics impacting the environment.

For more information about PPGs, visit Ecology's Grants and Loans webpage at:

<https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Public-participation-grants>.

For the list of grant recipients and amounts during the 2019–21 biennium, see Appendix F and brief discussion in Chapter 4. For general descriptions of types of grants available, including PPGs, see Appendix B.

### **Watch for opportunities to comment on cleanup decisions and rulemakings**

Public participation is an integral part of our responsibilities under MTCA. Ecology strongly believes it is important to provide the public with timely information and meaningful participation opportunities that fit each site. Table 4 describes ways the public can get involved and stay informed to ensure their voices are heard. Comment periods are one such way.

When we conduct or supervise a cleanup by liable persons, we notify the public of opportunities to comment at key stages during that process, which include *interim actions*, *remedial investigations*, *feasibility studies*, the *cleanup actions* themselves, and when we propose to delist a cleaned-up site from the Hazardous Sites List.

People who conduct independent cleanups are not required to provide this notice or opportunity for public comment, but must submit a report to Ecology when they complete any remedial actions. We'll post notices in Ecology's [Site Register](#), an electronic newsletter produced at least

twice a month. People who conduct independent cleanups and plan to seek contribution from other liable persons must also meet certain additional notification requirements specified in [WAC 173-340-545](#). Other opportunities to comment are during rulemakings, such as the MTCA Cleanup Rule Update,<sup>19</sup> and when we propose new or revised technical guidance, such as assessing vapor intrusion.<sup>20</sup>

### Learn about Ecology's work

Visit our website to learn more ways we're protecting Washington's health, residents, and environment: <https://ecology.wa.gov> Contact Ecology staff and programs: <https://ecology.wa.gov/About-us/Get-to-know-us/Contact-us/Program-contacts>



**Figure 13:** Public meeting in Shelton, WA, 2016. Read the story in Chapter 6 to learn how the community is shaping a landfill's cleanup today.

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<sup>19</sup> MTCA Cleanup Rule Update, Chapter 173-340 WAC, <https://ecology.wa.gov/Regulations-Permits/Laws-rules-rulemaking/Rulemaking/WAC-173-340>

<sup>20</sup> Ecology's vapor intrusion webpage and guidance, <https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Vapor-intrusion-overview>



**Table 3:** Opportunities to get involved and stay informed about cleanups.

Resource	Description	Link
<b>Public Participation Plan</b>	A plan prepared for all sites under an order or decree, or when Ecology is conducting the cleanup. The plan identifies opportunities for the community to become involved and describes how we will inform them about site activities. It's a flexible working document that's updated as community concerns emerge and more information becomes available. See link at right for an example for the Mount Baker Properties ( <a href="#">CSID 13054</a> ).	Example Public Participation Plan:  <a href="https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=58669">https://apps.ecology.wa.gov/gsp/DocViewer.ashx?did=58669</a>
<b>Public Involvement Listing</b>	An electronic listing of Ecology's upcoming public meetings for all agency activities.	<a href="https://ecology.wa.gov/Events/Search/Listing">https://ecology.wa.gov/Events/Search/Listing</a>
<b>Public meetings</b>	We'll often hold <b>informal public meetings</b> when there is a high level of public interest in a site and at key times during the cleanup process. These are an opportunity to stay informed and provide input before we make a decision. If requested by ten or more people, we will also hold a <b>formal public hearing</b> for the purpose of taking comments on proposed actions at a site.	<a href="https://ecology.wa.gov/Events/Search/Listing">https://ecology.wa.gov/Events/Search/Listing</a>
<b>Site Register</b>	An electronic newsletter issued by Ecology at least twice a month that provides information on cleanups and announces public comment opportunities.  Subscribe at: <a href="http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=SITEREGISTER&amp;A=1">http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=SITEREGISTER&amp;A=1</a>	<a href="https://apps.ecology.wa.gov/publications/UIPages/PublicationList.aspx?IndexTypeName=Program&amp;NameValue=Toxics+Cleanup&amp;DocumentTypeName=Newsletter">https://apps.ecology.wa.gov/publications/UIPages/PublicationList.aspx?IndexTypeName=Program&amp;NameValue=Toxics+Cleanup&amp;DocumentTypeName=Newsletter</a>
<b>eComments</b>	A tool for submitting your comments online. Watch for opportunities to comment in Ecology's Public Involvement Listing.	<a href="https://ecology.wa.gov/Events/Search/Listing">https://ecology.wa.gov/Events/Search/Listing</a>
<b>Information Repositories</b>	Locally convenient places like public libraries, community centers, and regional Ecology offices, where you can read and review site information. During a site's comment period, documents are usually available for review at the repositories identified for that site. However, due to public health and safety concerns during the COVID-19 pandemic, Ecology could not offer in-person review options. Instead, documents were available to view online with links provided in the Site Register and Public Involvement Listings.	

Resource	Description	Link
<b>Mailing lists (electronic and hardcopy)</b>	Ecology maintains mailing lists of interested parties, organizations, and residents living near a cleanup site. We use them to distribute information about the cleanup to interested individuals and notify them about public meetings and opportunities to comment. Contact your regional office to get on these lists.	<a href="https://ecology.wa.gov/About-us/Get-to-know-us/Contact-us">https://ecology.wa.gov/About-us/Get-to-know-us/Contact-us</a>
<b>Brownfields Listserv</b>	A mailing list managed by Ecology's Toxics Cleanup Program specifically for news about brownfields funding and training opportunities	<a href="http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?A0=WASHINGTON-BROWNFIELDS">http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?A0=WASHINGTON-BROWNFIELDS</a>
<b>MTCA-SMS Rule Listserv</b>	A mailing list managed by Ecology's Toxics Cleanup Program specifically for news about the MTCA regulations (MTCA Cleanup Rule) or Sediment Management Standards (Sediment Cleanup Rule). For example, we use this to distribute major milestones and next steps for the MTCA Cleanup Rule Update that began in 2018.	<a href="http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=MTCA-SMS-RULE-UPDATE&amp;A=1">http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=MTCA-SMS-RULE-UPDATE&amp;A=1</a>
<b>Remedial Action Grants Listserv</b>	A mailing list managed by Ecology's Toxics Cleanup Program specifically for news (including solicitation periods) about remedial action grant and loan funding opportunities.	<a href="http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=RAGRANT-NEWS&amp;X=OA8748F5231673CBD0D&amp;Y">http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=RAGRANT-NEWS&amp;X=OA8748F5231673CBD0D&amp;Y</a>
<b>Grants and loans, including Public Participation Grants</b>	List of grants and loans, including details about the application process, eligibility, types of projects, timelines, and requirements.	<a href="https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan">https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan</a>
<b>What's in My Neighborhood</b>	Search for cleanups in your neighborhood using this interactive map of Ecology's 13,700-plus contaminated sites.	<a href="https://apps.ecology.wa.gov/neighborhood/">https://apps.ecology.wa.gov/neighborhood/</a>

## Chapter 3: MTCA Accounts

In 1970, Governor Dan Evans called a special session of the Legislature to concentrate on passing environmental legislation, one outcome of which created the Department of Ecology. Composed of previously separate but sometimes overlapping public entities, it was the first agency of its kind in the nation.

Since then, Washington’s government and its people have passed many laws to maintain and improve the health of our state’s environment. The Model Toxics Control Act (MTCA) was one of those laws, which made a long-term investment toward protecting and improving the health of our environment by setting up the MTCA accounts. These funding sources are primarily dedicated to supporting environmental cleanup work; water and environmental health protection and monitoring; toxic pollution prevention projects; and hazardous and solid waste management activities.

In 2019, the Legislature made changes to the MTCA Program that became effective on July 1, 2019, and are briefly discussed in this chapter.

Tables in this chapter identify all capital and operating expenditures in the MTCA accounts. We extracted data from the Agency Financial Reporting System (AFRS); Ecology’s [2019–21 Budget & Program Overview](#)<sup>21</sup>; Washington State Fiscal Information ([www.fiscal.wa.gov](http://www.fiscal.wa.gov)); and Ecology’s internal cleanup database, the Integrated Site Management System (ISIS).



**Figure 14:** Washington State Capitol, Olympia. The Legislature created the Department of Ecology in 1970 to maintain and improve our state’s environmental health. Photo credit: Russ McMillan, Washington State Department of Ecology (2017).

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<sup>21</sup> <https://apps.ecology.wa.gov/publications/SummaryPages/1901005.html>

## Many purposes for the MTCA accounts

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MTCA's 1989 declaration of policy in RCW [70A.305.010](#)<sup>22</sup> outlines the principles that guide how the law is implemented and how the MTCA accounts are used.

1. Each person has a fundamental and inalienable right to a healthful environment, and each person has a responsibility to preserve and enhance that right. The beneficial stewardship of the land, air, and waters of the state is a solemn obligation of the present generation for the benefit of future generations.
2. A healthful environment is now threatened by the irresponsible use and disposal of hazardous substances. There are hundreds [sic] of hazardous waste sites in this state, and more will be created if current waste practices continue. Hazardous waste sites threaten the state's water resources, including those used for public drinking water. Many of our municipal landfills are current or potential hazardous waste sites and present serious threats to human health and environment. The costs of eliminating these threats in many cases are beyond the financial means of our local governments and ratepayers. The main purpose of [chapter 2, \[Washington\] Laws of 1989](#)<sup>23</sup> is to raise sufficient funds to clean up all hazardous waste sites and to prevent the creation of future hazards due to improper disposal of toxic wastes into the state's land and waters.
3. Many farmers and small business owners who have followed the law with respect to their uses of pesticides and other chemicals nonetheless may face devastating economic consequences because their uses have contaminated the environment or the water supplies of their neighbors. With a source of funds, the state may assist these farmers and business owners, as well as those persons who sustain damages, such as the loss of their drinking water supplies, as a result of the contamination.
4. It is in the public's interest to efficiently use our finite land base, to integrate our land use planning policies with our clean-up policies, and to clean up and reuse contaminated industrial properties in order to minimize industrial development pressures on undeveloped land and to make clean land available for future social use.
5. Because it is often difficult or impossible to allocate responsibility among persons liable for hazardous waste sites and because it is essential that sites be cleaned up well and expeditiously, each responsible person should be liable jointly and severally.
6. Because releases of hazardous substances can adversely affect the health and welfare of the public, the environment, and property values, it is in the public interest that affected communities be notified of where releases of hazardous substances have occurred and what is being done to clean them up.

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<sup>22</sup> <https://app.leg.wa.gov/rcw/default.aspx?cite=70A.305.010> (Declaration of policy.)

<sup>23</sup> <https://leg.wa.gov/CodeReviser/documents/sessionlaw/1989c2.pdf?cite=1989%20c%202%20C2%A7%201>

Since Washington voters approved the original law in 1988, Ecology has developed a MTCA implementation framework that is built upon these principles. The framework comprises a balanced investment strategy of toxic pollution prevention; water and environmental health protection and monitoring; hazardous and solid waste management; and toxic cleanup.

## Changes to the MTCA Program for the 2019–21 biennium

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### ESSB 5993: Reforming the Financial Structure of the Model Toxics Control Program

The passage of Engrossed Substitute Senate Bill (ESSB) 5993 (Chapter 422, Laws of 2019) made significant changes to the MTCA accounts and the HST. As described in section 101 of the bill, its purpose was to update the Model Toxics Control Program and its primary funding mechanism through the following changes:

- Increase funding for programs and projects related to clean air, clean water, and toxic cleanup and prevention, with specific focus on stormwater pollution.
- Provide distinct and transparent financial separation of capital and operating budget funding.
- Improve the transparency and visibility of operating and capital project expenditures under the program.
- Eliminate the volatility of HST revenues by moving to a volumetric rate for liquid petroleum products.

### Account Changes

ESSB 5993 eliminated the three prior MTCA Accounts—the State Toxics Control Account (STCA), the Local Toxics Control Account (LTCA), and the Environmental Legacy Stewardship Account (ELSA). It replaced them with three new accounts—the Model Toxics Control (MTCA) Operating Account, the Model Toxics Control (MTCA) Capital Account, and the Model Toxics Control (MTCA) Stormwater Account.

The authorized uses of the new accounts are similar to the prior MTCA accounts and include all of Ecology’s previously authorized uses.

### Revenue Changes

ESSB 5993 changed the HST structure for liquid petroleum products from a [value-based tax to a volume-based tax](#).<sup>24</sup> Starting July 1, 2019, the HST rate on liquid petroleum products is \$1.09 per barrel, and will increase annually by the Implicit Price Deflator (IPD) for non-residential structures. The Department of Revenue (DOR) will use the IPD for non-residential structures

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<sup>24</sup> <https://dor.wa.gov/find-taxes-rates/other-taxes/hazardous-substance-tax>

published each March by the U.S. Department of Commerce, Bureau of Economic Analysis (BEA), for the prior calendar year to set the new per-barrel rate for the upcoming fiscal year.

The first \$50 million per biennium of liquid petroleum tax revenue is deposited into the Motor Vehicle Fund (MVF). The revenue deposited into the MVF must be used exclusively for transportation stormwater purposes. This deposit will continue each biennium until the Legislature passes a new \$2 billion “additive transportation funding act.”

The remaining liquid petroleum product revenue is deposited into the three new MTCA accounts:

- 60 percent into the MTCA Operating Account.
- 25 percent into the MTCA Capital Account.
- 15 percent into the MTCA Stormwater Account.

Revenue from all other substances subject to the HST, including non-liquid petroleum products and certain pesticides and chemicals, is still taxed at 7/10 of one percent of the wholesale value of the substance. Those revenues are deposited into the MTCA Capital Account.

## **Where the revenue came from during the 2019–21 biennium**

The MTCA accounts are primarily funded by revenue from the Hazardous Substance Tax (HST) collected by the Department of Revenue. The HST is imposed on the first possession in the state of petroleum products, pesticides, and certain chemicals. More than 97% of the revenue deposited into the MTCA Accounts comes from payments of the HST.

Tables 4, 5, and 6 show HST revenue deposits, beginning fund balances transferred from the prior MTCA accounts, and loan repayments made during the 2019–21 biennium for each account: Model Toxics Control Capital Account (23N), Model Toxics Control Operating Account (23P), and Model Toxics Control Stormwater Account (23R). Other sources of, and adjustments to, revenue that are deposited into the accounts include:

- Cost recovery of Ecology’s expenses for conducting or overseeing cleanup actions under the terms of a formal decree or order, or for evaluating reports of independent site cleanup actions. Charges for Ecology’s professional staff are billed at an hourly rate that includes salaries, benefits, and indirect charges defined by rule.
- Fines and penalties imposed when parties are not complying with our state’s environmental protection or cleanup laws.
- Tax credits refunded to corporations by the Department of Revenue (DOR) after it conducts an audit of a corporation.

**Table 4:** MTCA Capital Account revenue deposits and adjustments for the 2019–21 biennium (rounded to nearest thousand)

MTCA Capital Account (23N)	Dollars
Hazardous Substance Tax	\$136,517,000
Cost Recovery	\$12,325,000
Equity Transfers In *	\$30,705,000
Miscellaneous **	\$1,421,000
<b>Total Revenue</b>	<b>\$180,967,000</b>

**Table 5:** MTCA Operating Account revenue deposits and adjustments for the 2019–21 biennium (rounded to nearest thousand)

MTCA Operating Account (23P)	Dollars
Hazardous Substance Tax	\$264,619,000
Equity Transfers In *	\$38,384,000
Operating Transfers In / (Out) ***	-\$3,242,000
Miscellaneous	\$242,000
Fines and Penalties	\$2,325,000
Cost Recovery	\$57,000
<b>Total Revenue</b>	<b>\$302,385,000</b>

**Table 6:** MTCA Stormwater Account revenue deposits and adjustments for the 2019–21 biennium (rounded to nearest thousand)

MTCA Stormwater Account (23R)	Dollars
Hazardous Substance Tax	\$66,278,000
Operating Transfers In / (Out) ***	-\$15,745,000
Equity Transfers In *	\$15,669,000
Miscellaneous	\$134,000
<b>Total Revenue</b>	<b>\$66,203,000</b>

\* Reflects beginning fund balances transferred from the prior MTCA accounts. In the 2019-21 biennium, ESSB 5993 transferred 2017-19 ending fund balances to new MTCA accounts:

State Toxics Control Account to MTCA Operating Account;  
 Local Toxics Control Account to MTCA Capital Account; and  
 Environmental Legacy Stewardship Account to MTCA Stormwater Account.

\*\* Includes \$1.3M related to recovery of prior expenditure authority expenditures.

\*\*\* Reflects loan repayments for the 2019–21 biennium.

## **Expedited Voluntary Cleanup Program revenue**

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In 2019, the Legislature passed [Substitute House Bill \(SHB\) 1290](#)<sup>25</sup> establishing Ecology's authority to initiate a self-sustaining, expedited process under the Voluntary Cleanup Program (Expedited VCP). Expedited VCP launched in July 2020 and generated \$50,000 in FY 2021. These funds were deposited into the Voluntary Cleanup Account (23V), an account created to support Expedited VCP. The only revenues for this account are fees and cost recovery; there are no deposits from the Hazardous Substance Tax.

There were no expenditures from the Voluntary Cleanup Account in the 2019–21 biennium.

## **How Ecology and eleven other state agencies used the MTCA accounts during the 2019–21 biennium**

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The MTCA accounts power Ecology's work to protect humans and the environment from pollution. The accounts help us protect and conserve Washington's clean air, abundant waters, and natural beauty. MTCA also sustains Ecology's commitment to restore and preserve ecosystems that help life thrive, and to meet the needs of Washington's citizens and businesses without destroying environmental resources and functions.

**The MTCA Operating Account** supports Ecology environmental programs and continued environmental investments at other state agencies. Revenues are dedicated to:

- Hazardous and solid waste planning, management, regulation, enforcement, technical assistance, and public education under Chapters 70A.300 and 70A.205 RCW.
- The state's program for investigating and cleaning up contaminated sites under MTCA.
- State matching funds required under federal cleanup law.
- Financial assistance for local programs supporting hazardous and solid waste management (in accordance with Chapters 70A.405, 70A.205, 70A.214, 70A.224 and 70A.300 RCW).
- State government programs for the safe reduction, recycling, or disposal of hazardous wastes from households, small businesses, and agriculture.
- Oil and hazardous materials spill prevention, preparedness, training, and response activities.
- Water and environmental health protection and monitoring programs.
- Programs authorized under Chapter 70A.135 RCW (Centennial Clean Water Program).
- A public participation program.
- Development and demonstration of alternative management technologies designed to carry out the hazardous waste management priorities.

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<sup>25</sup> <https://app.leg.wa.gov/billsummary?BillNumber=1290&Year=2019>



- State agriculture and health programs for the safe use, reduction, recycling, or disposal of pesticides.
- Funding requirements to maintain receipt of federal funds under the federal Solid Waste Disposal Act (SWDA).
- Air quality programs and actions for reducing public exposure to toxic air pollution.
- Petroleum-based plastic or expanded polystyrene foam debris cleanup activities in fresh or marine waters.

The **MTCA Capital Account** supports Ecology environmental program work dedicated to:

- Contaminated site investigation and cleanup, including:
  - Remedial action grants and loans for local governments.
  - Grants for persons cleaning up sites to develop affordable housing.
  - Public funding to assist potentially liable persons or prospective purchasers pay for remedial actions under certain conditions.
  - Remedial actions conducted by Ecology to advance cleanups around Puget Sound and across the state, including where potentially liable persons are unwilling or unable to conduct those actions.
- Local government hazardous and solid waste plans and programs.
- Toxic air pollutant reduction programs, including local government programs.
- Petroleum-based plastic or expanded polystyrene foam debris cleanup activities in fresh or marine waters.

The **MTCA Stormwater Account** funds grants to local governments for stormwater facilities and stormwater activities through the Stormwater Financial Assistance Program (SFAP).

Projects funded include:

- Stormwater facility projects that provide stormwater treatment and/or flow control for stormwater generated from existing hard surfaces.
- Stormwater activities projects that enhance existing stormwater programs and provide long-lasting water quality benefits.

Ecology's capital budget is focused on providing grants and loans to local governments and communities for environmental work. Money is awarded for cleaning up publicly-owned contaminated sites; supporting community awareness and local programs that reduce and safely manage hazardous and solid waste; and making investments to protect air and water quality.

## **The Legislature determines how the MTCA accounts are distributed**

Each biennium, the Legislature appropriates dollars from the MTCA accounts to state agencies through the biennial budget process.

During the 2019–21 biennium, the Legislature appropriated operating and capital funds to twelve state agencies. Biennium expenditures for these agencies are detailed in Table 10.

- Department of Ecology
- Department of Agriculture
- Department of Commerce
- Department of Fish and Wildlife
- Department of Health
- Department of Natural Resources
- Department of Revenue
- Puget Sound Partnership
- State Conservation Commission
- University of Washington
- Washington State Patrol
- Washington State University

Ten of Ecology’s eleven programs had expenditures from the MTCA accounts during this biennium. Expenditures are found in Tables 7, 8, and 9.

- Toxics Cleanup
- Water Quality
- Air Quality
- Solid Waste Management
- Environmental Assessment
- Nuclear Waste
- Hazardous Waste and Toxics Reduction
- Shorelands and Environmental Assistance
- Spill Prevention, Preparedness, and Response
- Agency Administration

**Table 7:** MTCA Operating Account expenditures by Ecology (largest to smallest total \$)

Program	Activities	MTCA Operating Account Expenditures	Program Results
<p><b>Toxics Cleanup Program</b></p>	<p>Cleanup activities include overseeing cleanups conducted under an order or decree; providing advice and assistance to persons independently conducting cleanups; leading emergency actions and cleanups where sites are abandoned or have non-compliant owners; and supporting contaminated site cleanup with public information, policy, and rule development, and other Toxics Cleanup Program support tasks. Includes cleanup project manager oversight of local government Remedial Action Grants.</p>	<p>\$44,455,000</p>	<p><b>Clean up the most contaminated sites first (upland and aquatic).</b> Number of highly contaminated sites cleaned up increases by three percent each year. Public and environmental health is protected. Toxic contamination in food fish is reduced, and the aquatic environment is protected. Cleaned sites are ready for redevelopment and job creation. Number of sites with cleanup actions in progress will increase. Increased number of sites with cleanup actions in progress. Decreased response time from Ecology to site owners and prospective buyers. Increased number of determinations made on final cleanup reports submitted by parties that voluntarily cleaned up sites.</p> <p><b>Services to site owners that volunteer to clean up their contaminated sites.</b> As site owners take advantage of cleanup opportunities: Three percent increase in the number of contaminated sites that are voluntarily cleaned up by site owners and prospective buyers using private funding. Public and environmental health is protected. Cleaned sites are ready for redevelopment and job creation.</p> <p><b>Manage underground storage tanks to minimize releases.</b> Underground storage tanks are properly installed, monitored, or decommissioned to minimize the release of oil, gas, and other toxic materials into drinking water and other underground water sources. Decreased number of reported releases from underground storage tanks over time. Increased number of leaking underground storage sites where cleanup actions are completed. Increased percentage of underground storage tanks inspected that pass compliance for leak detection.</p>

**Table 7 cont'd:** MTCA Operating Account expenditures by Ecology (largest to smallest total \$)

Program	Activities	MTCA Operating Account Expenditures	Program Results
<p><b>Water Quality Program</b></p>	<p>Provided stormwater management; water quality standards; nonpoint pollution prevention and management; aquatics pesticides management; and water quality financial assistance.</p> <p>Provided funding for Water Quality staff that work with local governments and other stakeholders to implement a municipal stormwater program and permitting system.</p>	<p>\$27,099,000</p>	<p>Initiated a multi-year project to identify sources of pollution in the Green-Duwamish Watershed and strategies to reduce those sources.</p> <p>Continued work with our partners in Spokane on plans that set targets to improve the health of the Spokane River, Lake Spokane, and their tributaries. These plans:</p> <ul style="list-style-type: none"> <li>• Set limits on how much pollution cities and industry can release into the river and still maintain good water quality.</li> <li>• Recommend actions to help prevent pollution from sources such as stormwater, forestry, and agricultural runoff.</li> </ul> <p>Provided over 100 municipal and regional stormwater grants to help local governments implement a wide variety of activities, critical to the development of a successful stormwater program.</p>

**Table 7 cont'd:** MTCA Operating Account expenditures by Ecology (largest to smallest total \$)

Program	Activities	MTCA Operating Account Expenditures	Program Results
<p><b>Hazardous Waste &amp; Toxics Reduction</b></p>	<p><b>Prevent the use of toxic chemicals in products and promote the use of safer chemicals.</b> Identify and collect information about chemicals of concern in consumer products and promote safer alternative chemicals or products. Determine if new requirements and restrictions are necessary, and conduct rulemaking as needed. Engage key organizations and interest groups, coordinating with other agencies such as the Department of Health, to review science and inform development of action plans to reduce the presence of these toxics in the environment. Sample and enforce statutory reporting requirements and limits in specific products. Review and analyze waste-derived fertilizers as part of the fertilizer registration process.</p> <p><b>Reduce toxic chemicals and hazardous waste produced and used by Washington industries.</b> Provide pollution prevention and toxics reduction technical assistance to hazardous waste generators. Coordinate with partners at local jurisdictions and capital programs to identify and promote product replacement opportunities for small businesses wanting to switch to using safer alternatives. Promote incentives for removing mercury switches and thermostats in vehicles and appliances prior to crushing and shredding.</p> <p>(continued next page)</p>	<p>\$24,190,000</p>	<p>Developed and implemented action plans and strategies to prevent or reduce the use of chemicals of concern and lower toxic risks to human health and the environment, including publishing a draft Per- and Polyfluoroalkyl Substances (PFAS) chemical action plan for public comment. Engaged and coordinated with external stakeholders, achieving high engagement and participation from all stakeholder categories required by the 2019 Safer Products for Washington law. Identified safer alternatives under the Safer Products for Washington and PFAS in food packaging laws, allowing for future requirements or restrictions. Enforced manufacturer reporting requirements and product restrictions.</p> <p>Provided technical assistance to businesses to help reduce their toxic chemical or resource use, hazardous waste generation and pollution risk, and costs. In 2019, the 500 Washington businesses required to submit plans to Ecology identifying voluntary reductions in waste or resource use estimated saving \$3.9 million in operating costs, 704 million kilowatt hours in energy use, and 533 million gallons of water. They also estimated reducing carbon dioxide (CO2) emissions by 320,000 metric tons, toxic chemical use by 65 million pounds, and dangerous waste by seven million pounds. Coordinated with partner jurisdictions to promote product replacement opportunities for businesses interested in switching to safer dry cleaning systems (resulting in 50 participating facilities), and to explore interest in providing assistance for collecting and disposing of PFAS-containing firefighting foam (resulting in 111 interested facilities). Promoted a mercury switch collection program that collected 13,943 mercury switches between 2019 and 2020.</p> <p>Conducted formal compliance enforcement inspections at large and medium quantity hazardous waste generators and TSD facilities, provided technical assistance to help return violations to compliance, and issued enforcement penalties when necessary. In 2019, Ecology</p> <p>(continued next page)</p>

**Table 7 cont'd:** MTCA Operating Account expenditures by Ecology (largest to smallest total \$)

Program	Activities	MTCA Operating Account Expenditures	Program Results
	<p>(continued from previous page)</p> <p><b>Help waste generators and communities safely manage and reduce the risks of hazardous waste.</b> Conduct formal compliance enforcement inspections at permitted hazardous waste treatment, storage, or disposal (TSD) facilities, and facilities classified as large and medium quantity generators of hazardous waste. Issue permit modifications to ensure financial assurance requirements are met by TSD facilities. Provide education and technical assistance to businesses on safe hazardous waste management. Fund, train, and oversee performance contracts with local government specialists to provide assistance in waste management and reduction and source control at small businesses. Amend the state Dangerous Waste Regulations as needed.</p> <p><b>Remediate and restore contaminated sites to productive use.</b> Oversee the corrective action cleanup process conducted at former hazardous waste TSD facilities with legacy contamination from past releases. Potentially liable parties are responsible for cleaning up known legacy contamination and detecting and addressing newly found contamination in accordance with state and federal laws.</p> <p><b>Support and engage our communities and customers.</b> Provide the public and local governments with information about the type, location, and source of hazardous substances in local communities. Provide hazardous waste generators with best practices and other helpful information.</p>		<p>(continued from previous page)</p> <p>issued the largest penalty in the program’s history for egregiously mismanaged dangerous waste, helping protect vulnerable neighboring communities and incentivizing compliance with state and federal rules designed to protect human health and the environment.</p> <p>Provided oversight of 42 corrective action sites.</p> <p>Provided necessary information to the public, emergency responders, and local governments to inform planning and preparing for chemical hazards in their communities. Provided information to businesses to inform proper hazardous waste management.</p>

**Table 7 cont'd:** MTCA Operating Account expenditures by Ecology (largest to smallest total \$)

Program	Activities	MTCA Operating Account Expenditures	Program Results
<p><b>Environmental Assessment Program</b></p>	<p>Conducted environmental studies for pollution identification and control in surface water, sediment, groundwater, and fish tissue.</p> <p>Developed analytical methods and standard operating procedures to ensure reliable and high quality data.</p> <p>Performed lab analyses to measure contaminants in the environment.</p>	<p>\$23,701,000</p>	<p>During the 2019–21 biennium, 113 polluted waters were assessed to identify pollution sources and clean up success. Staff monitored for contaminants in groundwater at 14 toxic cleanup sites.</p> <p>To guide the collection of high quality data, a total of 50 standard operating procedures were certified.</p> <p>Ecology’s Manchester Environmental Laboratory completed 252,306 chemical analyses for clients.</p>

**Table 7 cont'd:** MTCA Operating Account expenditures by Ecology (largest to smallest total \$)

Program	Activities	MTCA Operating Account Expenditures	Program Results
<p><b>Solid Waste Management Program</b></p>	<p>Provided technical assistance, engineering, hydrogeology and regulatory support, and oversight of dangerous waste and cleanup activities to ensure that solid waste handling, disposal facilities and major industrial facilities are in compliance with environmental requirements in Washington state.</p> <p>Reviewed local solid waste permits in support of local jurisdictional health departments (JHDs), and reviewed and approved local solid waste management plans. All 39 counties' solid waste management plans are undergoing updates to address the current recycling export restrictions caused by the China Blue Sky Initiative and contamination in the recycling waste stream.</p> <p>Administered \$10 million dollars through the Solid Waste Financial Assistance (LSWFA) grants program. Provided to local governments planning and technical assistance related to solid waste implementation and solid waste enforcement grants. We also provided technical assistance to local governments to implement and regulate local hazardous waste facilities.</p> <p>Administered \$2.4 million dollars through the Public Participation Grants (PPG) program. Provided funding to not-for-profit public interest organizations to increase public understanding and involvement in cleaning up contaminated sites and improving recycling and waste management.</p>	<p>\$22,100,000</p>	<p>Permits are reviewed and approved on a five-year cycle. The cycle varies from county to county and by facility type. Disposed solid waste is managed in environmentally compliant transfer stations, landfills, and a waste-to-energy facility. Washington state has 104 transfer stations, 28 landfills, and one waste-to-energy facility.</p> <p>Solid waste handling and disposal practices are carried out in a way that minimizes toxic contamination to the state's groundwater, surface water, and air. All 39 counties received grant funding and technical assistance to implement programs that prevent toxic contamination of groundwater, surface water, and the air.</p> <p>Technical assistance is provided to the JHDs to ensure facility compliance with environmental regulations at recycling facilities, transfer stations, and landfills.</p> <p>Industrial dangerous waste and cleanup activities are handled properly at the state's largest industrial facilities and household hazardous waste facilities. More than 23.1 million pounds of household hazardous waste was diverted from landfills. Currently, the Program oversees 16 active cleanup sites: 10 at Washington's largest industrial facilities and 6 landfills.</p> <p>Provided 23 grants to non-for-profit organizations who provided public outreach on contaminated site cleanup processes and solid and hazardous waste priorities. An enhanced focus on environmental justice in the scoring criteria, including ranking applicant projects on the environmental health disparity index, resulted in the most diverse group of grantees ever. Examples of first-time grantees providing outreach to overburdened communities are Mother Africa and the Community Health Worker Coalition for Migrants and Refugees.</p>



**Table 7 cont'd:** MTCA Operating Account expenditures by Ecology (largest to smallest total \$)

Program	Activities	MTCA Operating Account Expenditures	Program Results
<p><b>Shorelands and Environmental Assistance Program</b></p>	<p>Water quality 401 certifications for water-related construction projects, including dredging.</p> <p>Technical assistance to local government updating wetland protection standards in local critical area ordinances.</p> <p>Local government technical and financial assistance to complete comprehensive updates or begin Periodic Reviews of their Shoreline Master Programs.</p> <p>Match funding for Washington Conservation Corps to support crews performing natural resources restoration projects for federal, state, and local agency sponsors.</p> <p>Match funding for the Coastal Zone Management grants from NOAA that fund Padilla Bay and Shorelines Technical Assistance.</p> <p>Training and assistance to local governments and the public on SEPA and managing the SEPA register.</p>	<p>\$22,048,000</p>	<p>Ecology took an average of 205 days to make a final decision on 401 water quality certifications, well under the goal of 265 days.</p> <p>All wetland mitigation sites were inspected within 18 months of receipt of as-built reports.</p> <p>During the 2019-21 biennium, 10 communities submitted their updated Shoreline Master Plans.</p> <p>Washington Conservation Corps (WCC) planted 448,476 trees and shrubs, created or improved 6,699 acres of habitat for fish and wildlife, and improved or created 306 miles of trails on public lands.</p> <p>There were 6,947 participants in the Puget Sound education and training programs at the Padilla Bay Reserve.</p> <p>A total of 4 SEPA workshops were conducted during the 2019-21 biennium, satisfying the goal of 2 workshops per year.</p>

**Table 7 cont'd:** MTCA Operating Account expenditures by Ecology (largest to smallest total \$)

Program	Activities	MTCA Operating Account Expenditures	Program Results
<p><b>Air Quality Program</b></p>	<p>Developed strategies to respond to and prevent violations of national ambient air quality standards in Washington communities. Conducted ambient air monitoring, air quality forecast modeling, and meteorological modeling.</p> <p>Invested in programs to prevent at-risk areas from going into nonattainment for federal air quality standards.</p> <p>Provided outreach for outdoor burning and industrial sources, enforced air quality standards.</p> <p>Provided grant funding to reduce diesel emissions and residential wood smoke exposure.</p>	<p>\$21,757,000</p>	<p>Air quality monitoring data consistently met or exceeded federal requirements for validity.</p> <p>Total motor vehicle emissions produced in Washington predicted to fall 20% below 2017 levels by the end of 2020.</p> <p>Total statewide diesel particulate pollution emissions predicted to decline 25% below 2017 levels by 2020.</p> <p>The number of times particle pollution measured above a healthy level during the winter heating season fell from 318 times in 2019 to 148 times in 2020.</p> <p>Developed nation’s first 5-day smoke forecast utilizing machine-learning and bias correction to provide public with additional warning about air quality threats.</p> <p>Grant funding helped Okanogan County, Lake Chelan Fire District purchase wood chippers, improving air quality and public safety by reducing the need to burn brush and slash.</p>

**Table 7 cont'd:** MTCA Operating Account expenditures by Ecology (largest to smallest total \$)

Program	Activities	MTCA Operating Account Expenditures	Program Results
<p><b>Spill Prevention, Preparedness &amp; Response Program</b></p>	<p>Spill prevention activities, including:</p> <ul style="list-style-type: none"> <li>• Inspections of regulated vessels, facilities, and oil transfers.</li> <li>• Geographic and activity-based risk assessments.</li> </ul> <p>Spill preparedness activities, including:</p> <ul style="list-style-type: none"> <li>• Contingency plan review.</li> <li>• Geographic response planning.</li> <li>• Incident readiness drills.</li> <li>• Response equipment and training grants.</li> </ul> <p>Incident response to:</p> <ul style="list-style-type: none"> <li>• Oil spills</li> <li>• Hazardous materials releases</li> <li>• Illegal drug production operations and labs</li> </ul> <p>Post-incident activities, including:</p> <ul style="list-style-type: none"> <li>• Investigation, cost recovery and enforcement</li> <li>• Natural resource damage assessment</li> </ul>	<p>\$21,065,000</p>	<p><b>Outputs as of March 2021:</b></p> <ul style="list-style-type: none"> <li>• Ecology completed 36 spill exercises with contingency plan holders.</li> <li>• Ecology responded to 7,170 reported incidents. 18.3% received an on-scene response by Ecology staff.</li> <li>• Ecology completed 211 in-person vessel inspections, 11 in-person Class 1 facility inspections, and 677 in person oil transfer inspections.</li> </ul> <p><b>Outcomes:</b></p> <p>Through March 2021, 11,802 gallons of oil products were spilled to Washington waters, down from 15,385 gallons in the same period of the prior biennium. Only 206 gallons came from Ecology-regulated vessels and oil handling facilities.</p> <p>In the 2019-21 BN, Ecology awarded 25 grants for response equipment and training, for a total of over \$2.8 million.</p>

**Table 7 cont'd:** MTCA Operating Account expenditures by Ecology (largest to smallest total \$)

Program	Activities	MTCA Operating Account Expenditures	Program Results
<b>Agency Administration Program</b>	Provided statewide support through executive leadership, governmental relations, communications, human resources, financial, information technology, and facility services.	\$15,907,000	<p>The administration activity supports Ecology functions by providing leadership, cross program support, and staff presence throughout the state. Administration manages Ecology's long-term financial health and provides information to support sound decision making and resource management by managers.</p> <p>Communication, education, and outreach tools play a major role in protecting and improving the environment.</p> <p>Administration staff serve as liaisons to Congress, the state Legislature, local governments, businesses, Indian tribes, and environmental and citizen groups.</p> <p>Administration helps managers and employees create a safe, supportive, and diverse work environment by providing comprehensive human resource services. It also oversees information management (desktop and network services, application development, and data administration) and facility and vehicle management; maintains Ecology's centralized records and library resources; responds to public records requests; and provides mail services.</p>
<b>Nuclear Waste Program</b>	Ecology oversight under a MTCA agreed order to US Ecology Washington, Inc. of the Commercial Low Level Radioactive Waste Disposal facility located on Hanford.	\$65,000	<p>Ecology's work on US Ecology site focused on a feasibility study; support to third party review of Washington state Department of Health (DOH) closure project; pursuant to a December 2015 legislative report. The path-forward commitments in the legislative report describe the actions that DOH and Ecology are taking for the closure evaluation and MTCA investigation.</p> <p>The Departments continue to work with impacted tribal governments to conclude the feasibility study and third party review.</p>
<b>All programs</b>	<b>Total 2019–21 Biennium Ecology MTCA Operating Account Expenditures</b>	<b>\$222,387,000</b>	

**Note:** Totals may not add due to rounding

**Table 8:** MTCA Capital Account expenditures by Ecology (largest to smallest total \$)

Ecology Program	Activities	MTCA Capital Account Expenditures	Program Results
<p><b>Toxics Cleanup Program</b></p>	<p>Remedial Action Grant Program funding local government grants. Administration of the Remedial Action Grants, which provides fiscal oversight of the program. Investigate and clean up toxic sites. Includes new and reappropriations for Cleanup Toxic Sites—Puget Sound and the Eastern Washington Clean Sites Initiative to clean up orphaned or abandoned sites, cleanup sites with non-compliant owners, fund emergency removals, and invest where state funding can advance cleanups and build partnerships. Development, implementation, and evaluation of model remedies. Clean up contaminated properties to support redevelopment for affordable housing.</p>	<p>\$27,728,000</p>	<p><b>Results for Clean up the Most Contaminated Sites First (Upland and Aquatic):</b></p> <p>The number of highly contaminated sites cleaned up increases each year; public and environmental health is protected; toxic contamination in food fish is reduced and the aquatic environment is protected; cleaned sites are ready for redevelopment and job creation.</p>
<p><b>Water Quality Program</b></p>	<p>Provided funding for competitive statewide projects to local governments for water pollution control facilities, nonpoint source control, and water quality improvement planning and implementation/activities.</p>	<p>\$3,374,000</p>	<p>These projects address failing onsite sewage systems, pollution from urban and rural runoff, construction of wastewater treatment facilities in financially challenged communities, and watershed planning and implementation projects that improve and protect marine waters, estuaries, rivers, lakes, and wetlands.</p>

**Table 8 (cont'd.):** MTCA Capital Account expenditures by Ecology (largest to smallest total \$)

Ecology Program	Activities	MTCA Capital Account Expenditures	Program Results
<p><b>Hazardous Waste &amp; Toxics Reduction</b></p>	<p>Removed known toxic components in vehicles and appliances, including switches containing mercury, prior to crushing and shredding.</p> <p>Product Replacement Program that helps small businesses with the costs associated with switching to safer products and technology.</p>	<p>\$2,158,000</p>	<p>Since 2006, vehicle recyclers in Washington have collected more than 291,896 mercury switches from under the hoods and trunks of scrap vehicles. This effort has kept more than 642 pounds of mercury out of the environment.</p> <ul style="list-style-type: none"> <li>• Converted 50 dry cleaners from perchloroethylene (PERC) machines to safer and cleaner professional wet cleaning or high flash hydrocarbon machines.</li> <li>• Initiated a review of the environmental and public health impacts of an Aqueous Film Forming Foam (AFFF) collection, transport, and disposal program.</li> <li>• Supported Pollution Prevention Assistance (PPA) work across the state to protect storm water and improve hazardous waste management.</li> <li>• Identified additional product/chemical combinations for action.</li> <li>• Surveyed Washington State schools and private gymnasiums and athletic facilities for tumbling foam pits.</li> <li>• Launched a degreaser replacement program for Washington State's auto body shops.</li> <li>• Developed a polychlorinated biphenyl (PCB) light ballast replacement program for Washington State's schools.</li> </ul>
<p><b>Solid Waste Management Program</b></p>	<p>Provided contract funding for the Lilyblad petroleum site cleanup. The soil and groundwater at the site were contaminated by years of operation as a distributor and recycler of petroleum products and solvents. While the facility no longer recycles solvents and dangerous waste, contamination remains in the site's soil and groundwater.</p>	<p>\$1,189,000</p>	<p>Using funds secured through a legal settlement and supplemented with Model Toxics Control Act funding, Ecology funded installation of an in situ (in place or on site) treatment system to capture solvents and petroleum in the groundwater and remediate residual soil contamination. Installation of the remediation system was completed in July 2009. To date, this effort has removed about 27,000 pounds of Volatile and Semivolatile Organic Compounds (VOCs/SVOCs) and 44,000 pounds of Total Petroleum Hydrocarbons (TPH). Currently, working on evaluating the alternatives for monitoring and treating the remaining groundwater contamination at the site.</p>

**Table 8 (cont'd.):** MTCA Capital Account expenditures by Ecology (largest to smallest total \$)

Ecology Program	Activities	MTCA Capital Account Expenditures	Program Results
<b>Agency Administration Program</b>	Provided statewide support through executive leadership, governmental relations, communications, human resources, financial, information technology, and facility services.	\$269,000	<p>Supports Ecology functions by providing leadership, cross program support, and staff presence throughout the state. Administration manages Ecology's long-term financial health and provides information to support sound decision making and resource management by managers.</p> <p>Communication, education, and outreach tools play a major role in protecting and improving the environment.</p> <p>Administration staff serve as liaisons to Congress, the state Legislature, local governments, businesses, Indian tribes, and environmental and citizen groups.</p> <p>Administration helps managers and employees create a safe, supportive, and diverse work environment by providing comprehensive human resource services. It also oversees information management (desktop and network services, application development, and data administration) and facility and vehicle management; maintains Ecology's centralized records and library resources; responds to public records requests; and provides mail services.</p>
<b>All programs</b>	<b>Total 2019–21 Biennium Ecology MTCA Capital Account Expenditures</b>	<b>\$34,719,000</b>	

**Note:** Totals may not add due to rounding.

**Table 9:** MTCA Stormwater Account expenditures by Ecology (largest to smallest total \$)

Ecology Program	Activities	MTCA Stormwater Account Expenditures	Program Results
<b>Water Quality Program</b>	Provided funding for long-term competitive statewide stormwater projects to local governments to plan, design, and construct stormwater retrofit or low-impact development projects.	\$12,173,000	In the 2019–21 Biennium, Ecology used the newly appropriated funding to award an additional 82 grants to local governments to complete stormwater projects.
<b>Agency Administration Program</b>	Provided statewide support through executive leadership, governmental relations, communications, human resources, financial, information technology, and facility services.	\$571,000	<p>Supports Ecology functions by providing leadership, cross program support, and staff presence throughout the state. Administration manages Ecology's long-term financial health and provides information to support sound decision making and resource management by managers.</p> <p>Communication, education, and outreach tools play a major role in protecting and improving the environment.</p> <p>Administration staff serve as liaisons to Congress, the state Legislature, local governments, businesses, Indian tribes, and environmental and citizen groups.</p> <p>Administration helps managers and employees create a safe, supportive, and diverse work environment by providing comprehensive human resource services. It also oversees information management (desktop and network services, application development, and data administration) and facility and vehicle management; maintains Ecology's centralized records and library resources; responds to public records requests; and provides mail services.</p>
<b>All Programs</b>	<b>Total 2019–21 Biennium Ecology MTCA Stormwater Account Expenditures</b>	<b>\$12,744,000</b>	

**Note:** Totals may not add due to rounding.



**Table 10:** MTCA Operating and Capital account expenditures by other state agencies during the 2019–21 biennium (in alphabetical order by agency)

Other State Agencies & Results	MTCA Operating Account Expenditures	MTCA Capital Account Expenditures	Total
<p><b>Department of Agriculture (WSDA)</b></p> <p>Operating activities include: Agency Administration, Chemistry Laboratory, Pesticide Strategy Research, Pesticide Regulation and Waste Pesticide Disposal.</p> <p><b>Results:</b> During a biennium dominated by COVID-19 restrictions, WSDA used MTCA funds to collect and dispose of approximately 232,732 pounds of waste pesticides.</p> <p>WSDA completed work for aerial herbicides in forestry work group, which we co-chaired, and the report on pesticide investigations.</p> <p>The Natural Resources Assessment Section (NRAS) annually completed weekly sampling for pesticides in surface waters at 18 sites from March-October (2628 total samples from FY19-21). NRAS collected pesticide usage data on five specialty crops and updated agricultural crop map data for 7.5 million acres.</p> <p>WSDA Pesticide Compliance Program Conducted pesticide secondary containment inspections (19) and technical assistance (13) to protect groundwater from contamination. WSDA Registration Program reviews thousands of pesticide labels annually to assist in preventing pesticide misuse or illegal distribution or disposal. WSDA Chemical and Hop Lab analyzed approximately 1689 samples, performing 277,082 tests, (~164 pesticide analytes per sample) as part of our Food and Produce Safety and pesticide compliance work.</p>	<p>\$6,314,000</p>		<p>\$6,314,000</p>
<p><b>Department of Commerce</b></p> <p>Capital projects include: Projects that Strengthen Communities and Quality of Life, Brownfield Redevelopment Grants.</p> <p><b>Results:</b> The ELSA funds were used for assessment and remediation of contaminated soil around Pier 48 at Colman Dock in Seattle. The contract was closed out in June 2019.</p>	<p>\$149,000</p>		<p>\$149,000</p>

Other State Agencies & Results	MTCA Operating Account Expenditures	MTCA Capital Account Expenditures	Total
<p><b>Department of Fish &amp; Wildlife (WDFW)</b></p> <p>Operating activities include: Agency Administration, Fish Production for Sustainable Fisheries, Native Fish Recovery, Habitat Conservation Technical Assistance.</p> <p><b>Results:</b> <a href="#">Toxics Biological Observation System (TBIOS)</a><sup>26</sup> team completed field surveys to collect data on three indicator species (Pacific herring, bay mussels, and English sole) during the 2019–21 biennium. Although juvenile Chinook are also an important indicator species, the Covid-19 pandemic forced the team to postpone salmon sampling from Spring 2020 to Spring 2021.</p> <p>Data about indicator species help scientists infer conditions of a particular habitat. For example, TBIOS data were instrumental in Washington State’s lawsuit against Monsanto Corporation related to Monsanto’s production of Polychlorinated Biphenyls (PCBs), a dangerous chemical now abundant in the environment. Money from that settlement will go toward reducing PCBs in the environment to accelerate Puget Sound ecosystem recovery.</p> <p>TBIOS team also updated the <a href="#">Toxics in Fish Vital Sign</a><sup>27</sup> for Puget Sound recovery for three of its four indicator species (<a href="#">Pacific herring</a>,<sup>28</sup> <a href="#">juvenile Chinook salmon</a>,<sup>29</sup> and <a href="#">adult Chinook salmon</a><sup>30</sup>). These Vital Signs are measures of ecosystem health and progress toward Puget Sound recovery goals. The <a href="#">English sole Vital Sign indicator</a><sup>31</sup> is under final review and will be updated soon. Bay mussels will be added to the Vital Signs as a result from an extensive review of the Vital Sign program.</p> <p>TBIOS team also completed a broad, Puget Sound-wide survey of contaminants of emerging concern, including pharmaceuticals, personal care products, and perfluorinated compounds in all its indicator species. Survey results will be reported in the 2021–23 biennium and will form the basis for establishing continued monitoring for chemicals of high concern.</p>	<p>\$2,924,000</p>		<p>\$2,924,000</p>

<sup>26</sup> <https://wdfw.wa.gov/species-habitats/science/marine-toxics/tbios>

<sup>27</sup> <https://vitalsigns.pugetsoundinfo.wa.gov/VitalSign/Detail/11>

<sup>28</sup> Vital Signs | Contaminants in Pacific herring (wa.gov)

<sup>29</sup> <https://vitalsigns.pugetsoundinfo.wa.gov/VitalSignIndicator/Detail/49>

<sup>30</sup> <https://vitalsigns.pugetsoundinfo.wa.gov/VitalSignIndicator/Detail/47>

<sup>31</sup> <https://vitalsigns.pugetsoundinfo.wa.gov/VitalSignIndicator/Detail/48>

Other State Agencies & Results	MTCA Operating Account Expenditures	MTCA Capital Account Expenditures	Total
<p><b>Department of Health</b></p> <p>Operating activities include: Department of Health Administration, Protect Drinking Water, Protect Community Environmental Health.</p> <p><b>Results:</b> During the 2019-2021 biennium, MTCA funds provided to the Washington State Department of Health (DOH) supported program activities in the Environmental Public Health Division, primarily in the Office of Environmental Public Health Sciences. Program activities supported by MTCA funds included: pesticide exposure investigations, childhood lead poisonings, environmental contaminant health assessments and fish consumption advisory assessments.</p> <p>In 2019 and 2020, DOH investigations identified 452 pesticide-related acute illness cases; 160 from agricultural pesticide drift exposure from 33 separate events. Funds also contributed to identifying 552 children with blood lead levels greater than the Centers for Disease Control and Prevention action level of 5 ug/dL. DOH toxicologists provided technical support to communities, local public health jurisdictions and Department of Ecology on environmental contaminant issues. Staff identified critical data gaps for the per- and polyfluoroalkyl substances (PFAS) fish advisory and obtained a grant to fill the gap, supported implementation of Safer Products Washington law and PFAS alternative assessment in food packaging, and supported Department of Agriculture evaluating the possible licensing of a feed additive containing dioxins.</p>	<p>\$3,676,000</p>		<p>\$3,676,000</p>
<p><b>Department of Natural Resources</b></p> <p>Agency Administration and Interagency Payments, Forest Practices: Rules, Small Forest Landowners, Aquatics Environmental Management, Aquatics Business Management.</p> <p><b>Results:</b> The funded activities for the statewide Forest Practices Program supported the implementation of the 1999 Forests &amp; Fish legislation (State Salmon Recovery Act) and the state of Washington’s framework in the forested environment to achieve salmonid protection and recovery through compliance with the Endangered Species Act, and achieve state water quality standards under the Clean Water Act (CWA). The <i>Forest Practices Habitat Conservation Plan</i> (available at <a href="https://www.dnr.wa.gov/publications/fp_hcp_annrep_2020.pdf">https://www.dnr.wa.gov/publications/fp_hcp_annrep_2020.pdf</a>) and accompanying CWA assurances provide regulatory stability for the forest industry.</p>	<p>\$5,762,000</p>	<p>\$3,286,000</p>	<p>\$9,048,000</p>

Other State Agencies & Results	MTCA Operating Account Expenditures	MTCA Capital Account Expenditures	Total
<p><b>Department of Revenue</b></p> <p>Operating activities include: State and Local Revenue Collection and Distribution.</p> <p><b>Results:</b> Funding is used for enforcement of the Hazardous Substance Tax imposed under RCW 82.21.030. The tax applies to petroleum products, pesticides, and certain chemicals. Enforcement activities by the Department of Revenue include verification of proper reporting of the tax by businesses on the Combined Excise Tax Return through desk examinations and field audit work. The tax is distributed to the Department of Ecology to help clean up and manage solid and hazardous waste in the state of Washington.</p>	\$116,000		\$116,000
<p><b>State Conservation Commission</b></p> <p>Operating activities include: Technical Services and Program Delivery, Conservation District Operations and Accountability, State Conservation Commission Operations and Administration.</p> <p><b>Results:</b> MTCA funding was used for projects addressing agricultural waste, including the containment, collection, storage, and composting of livestock manure at numerous large and small-scale farms, and the installation of an asphalt paving area and drainage to collect excess agrichemical products and runoff.</p> <p>MTCA funding was also used for the SCC’s role in the Soil Health Initiative’s first year to convene meetings with SHI partners WSDA, WSU, and NRCS to restructure the Soil Health Committee and to support WSDA’s efforts to collect baseline soil samples through selected conservation districts. (\$55,000)</p>	\$1,053,000		\$1,053,000

Other State Agencies & Results	MTCA Operating Account Expenditures	MTCA Capital Account Expenditures	Total
<p><b>Puget Sound Partnership</b></p> <p>Operating activities include: Setting Priorities and Evaluating Progress with Science, Support Ecosystem Recovery, and Administration.</p> <p><b>Results:</b> The Puget Sound Partnership uses MTCA funding for staff and contracts that support Puget Sound monitoring, including two key positions: monitoring lead and monitoring performance analyst-salmon scientist. Both positions contribute to Puget Sound Ecosystem Monitoring Program (PSEMP) operations.</p> <p>PSEMP is a collaborative network of subject matter experts who organize, synthesize, and communicate scientific information from different parts of the Puget Sound ecosystem. The science and monitoring data produced by participants in the PSEMP network help determine the effectiveness of recovery actions throughout Puget Sound and inform policies, investments, and actions for advancing ecosystem recovery.</p> <p>PSEMP brings together topical work groups for a coordinated approach to monitoring, data sharing, and assessment. One of PSEMP’s work groups is the Toxics Work Group, whose coordinator position is funded through an interagency agreement with the Puget Sound Institute (PSI) using MTCA funds.</p> <p>The main purpose of the PSEMP Toxics Work Group is to improve toxics monitoring and assessment throughout the Puget Sound. The Partnership is currently funding a project for the Work Group to identify and prioritize a suite of contaminants of emerging concern, based on biological relevance, to focus future monitoring efforts and provide the information needed for a management response.</p> <p>MTCA funding also supports two of the Puget Sound Partnership’s contracts: one with the Washington State Department of Fish and Wildlife, and one with the PSI. The WDFW contract provides data about contaminants in juvenile Chinook salmon as one of the indicators for the Toxics in Fish Vital Sign, which tracks the degree to which fish in Puget Sound are exposed to man-made toxic chemicals and the health effects on fish exposed to contaminants. The PSI contract supports one of the PSEMP Toxics Work Group’s priority projects to identify contaminants of emerging concern in regional waters that may be harming fish and wildlife. These contaminants come from the plastic and rubber parts of cars, TVs, and computers.</p> <p>The Toxics Work Group’s project will help prioritize limited funding to address contaminants of emerging concern. The work group will work with environmental managers to decide the best ways to reduce harm from these chemicals.</p>	<p>\$741,000</p>		<p>\$741,000</p>

Other State Agencies & Results	MTCA Operating Account Expenditures	MTCA Capital Account Expenditures	Total
<p><b>University of Washington</b></p> <p>Capital projects include: Tacoma Campus Remedial Investigation</p> <p><b>Results:</b> The University of Washington (UW) continued environmental investigations at the UW Tacoma Campus site pursuant to Agreed Order No. DE 11081. Investigations included the installation of 130 new monitoring wells since 2016 to define the extent of contaminant plumes, reveal the site geology, and better define the original sources of groundwater contamination. The owners of four likely sources west of Campus were named as Potentially Liable Persons (PLPs) in 2019 by Ecology. Access agreements were reached with all of the property owners and UW conducted investigations on the four properties in late 2020/early 2021. In 2018 the UW completed a vapor intrusion study at four UW buildings and the Federal Courthouse demonstrating that vapor intrusion is not a public health concern at these locations. The UW conducted follow-up sampling in 2020 and reconfirmed the 2018 findings. The UW is required to summarize all previous and current field investigations and potential cleanup options in a draft Remedial Investigation and Feasibility Study Report due to Ecology on December 31, 2021.</p>		\$1,216,000	\$1,216,000
<p><b>Washington State Patrol Fire Training Academy</b></p> <p>Operating activities include: Specialized Outreach Fire Services.</p> <p><b>Results:</b> The WSP's Fire Protection Bureau uses MTCA funds for the management of hazardous and solid waste that is the byproduct of live fire training at the Washington State Fire Training Academy in North Bend, Washington. This includes the treatment of fire training wastewater which is contaminated with various combustible fuels and solid debris during the training activities, the disposal of solid waste that results from the fire activity, and the cleaning and maintenance of personal protective equipment used by the students during training.</p> <p><b>Read a MTCA success story about the Fire Training Academy in Chapter 6.</b></p>	\$565,000		\$565,000

Other State Agencies & Results	MTCA Operating Account Expenditures	MTCA Capital Account Expenditures	Total
<p><b>Washington State University</b></p> <p>Operating activities supports the university's Soil Health Initiative (SHI) and its network of long-term agroecological research and extension (LTARE) sites, including the Mount Vernon Research and Extension Center.</p> <p><b>Results:</b> The SHI generates leading edge information related to soil health and disseminates this information to relevant stakeholders. At the core of this effort is the production of meaningful and relevant long-term data that can help producers, consultants, policy makers, agricultural professionals, and the public make informed decisions to protect and improve soil health.</p>	\$250,000		\$250,000
<p><b>Total 2019–21 Biennium Other State Agencies' MTCA Expenditures</b></p>	<b>\$21,550,000</b>	<b>\$4,502,000</b>	<b>\$26,052,000</b>

**Note:** Totals may not add due to rounding.

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## Chapter 4: State Funding of MTCA Site Cleanups

This chapter summarizes information on direct cleanup investments and direct site-specific cleanup investments, and includes the following information:

- The total amount of direct cleanup investments and direct site-specific cleanup investments, and all fund sources, including expenditures from MTCA Capital and Operating
- The amount of money recovered from potentially liable persons.

### **Sources of information Ecology used to prepare this chapter**

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Tables in this chapter identify all of Ecology's contractual cleanup expenditures (capital and operating) which include fund sources other than MTCA. We extracted data using the Agency Financial Reporting System (AFRS); Ecology's 2019–21 Budget & Program Overview; and Ecology's internal cleanup database, the Integrated Site Management System (ISIS). We also supplemented data with information from Ecology's Contracts and Grants Payable (CGP) database and Ecology's Administration of Grants and Loans (EAGL) system. We obtained additional information on the types of cleanup actions funded at individual sites from Ecology cleanup project managers. See also Appendices C through G for financial information on individual sites.

Ecology used three broad categories to classify direct cleanup investments: contracted work; remedial action loans; and remedial action grants.

Ecology is also reporting all fund sources used for site cleanup, even though the MTCA statute (RCW 70A.305.030(5)) only requires reporting on MTCA accounts expenditures. There are three reasons for this decision:

1. The Legislature has made budget decisions to directly transfer funds from the Model Toxics Control Act accounts to the State General Fund. To continue cleanup efforts, the Legislature appropriated money from the State Building Construction Account (General Obligation Bonds) to continue the work. Including this fund source provides a more comprehensive picture of direct cleanup investments.
2. Other fund sources (such as federal grants) also support cleanup work for sites on the Hazardous Sites List (HSL).
3. It is more efficient to include all sources of funding for tracking all contract, grant, and loan expenditures by project phase, rather than limiting that accounting to just a few fund sources.

## **Types of state expenditures made on remedial actions**

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Three of Ecology's environmental programs—Toxics Cleanup (TCP), Hazardous Waste and Toxics Reduction (HWTR), and Solid Waste Management (SWM) made direct cleanup investments with operating and capital budget funding. Some expenditures may qualify for cost recovery from potentially liable persons or parties (PLPs). MTCA requires that Ecology recover the costs from PLPs that we incur for conducting all remedial actions, as well as for staff oversight of work conducted under order or consent decree. MTCA also authorizes the recovery of costs incurred for providing advice and assistance to customers who participate in the Voluntary Cleanup Program (VCP) where they conduct remedial actions independently.

### **Ecology uses operating expenditures to:**

- Oversee cleanups conducted under an order or decree, including cleanups at contaminated industrial and commercial sites; closed landfills; and facilities permitted to treat, store, or dispose of dangerous waste. We typically recover these costs from potentially liable parties.
- Provide advice and assistance to persons independently conducting cleanup. We recover these costs from the Voluntary Cleanup Program customers.
- Fund emergency actions and cleanups where sites are abandoned or have non-compliant owners. When we cannot find a potentially liable party, or the potentially liable party does not have resources to pay for the cleanup, we might not ever recover these costs.
- Cleanup program support work not related to a specific site, such as public information; policy, guidance and rule development; and a portion of clerical, financial, computer and other support staff. The MTCA Cleanup Rule (Model Toxics Control Act Regulation, Chapter 173-340 WAC) limits Ecology's ability to recover most of these costs.

### **Capital expenditures fund:**

- Grants or loans to local governments. We issued most grants and loans through the Remedial Action Grant (RAG) program. RAG serves as Ecology's primary tool for helping local governments pay for the cleanup of contaminated sites. RAG helps finance and speed up the cleanup process and allows more sites to be cleaned up through grants that typically provide up to 50% of project cost, but may provide up to 90% under certain circumstances. We have also used RAG to provide up to 100% funding for small community local governments to conduct environmental investigations and site planning that facilitates remedial action and adaptive reuse for the prospective properties. This funding helps protect public and environmental health, creates jobs, and promotes economic development by allowing the redevelopment of contaminated properties.
- State-led work on cleanups in programs that focus on Puget Sound and Eastern Washington, where sites are abandoned or have non-compliant owners, or where funds

are needed to advance emergent cleanups. These costs could be recovered, but in many cases (because no potentially liable party can be found or the potentially liable party does not have resources to conduct the cleanup) these costs may never be recovered.

- Public funding and grants to cleanup contaminated properties to support redevelopment for affordable housing.

## **Funds used during the 2019–21 biennium to conduct remedial actions at sites**

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Ecology spent a total of \$50.7 million in direct cleanup investments in the 2019–21 biennium.

- \$44.6 million was spent on direct site-specific cleanup investments: state contracts, grants, and loans.
- The remaining \$6.1 million was spent on grants to local governments for cleanup-related work at non-specific sites: Integrated Planning Grants, Public Participation Grants, and Legislative-directed projects.

Table 11 summarizes the fund sources and amounts. Expenditures from the MTCA Accounts represent 66% of the total funds spent for state contracts, grants, and loans on direct cleanup investments.

**Table 11: Direct cleanup investments for the 2019–21 biennium.**

<b>Fund Source</b>	<b>Ecology-Conducted</b>	<b>RAG &amp; PPG</b>	<b>Total Expenditures</b>	<b>Account Type</b>
Model Toxics Control Operating Account	2,349,000	-	2,349,000	Operating
General Fund - Federal	678,000	-	678,000	Operating
General Fund - Private/Local	103,000	-	103,000	Operating
Model Toxics Control Capital Account	13,201,000	17,678,000	30,879,000	Capital
State Building Construction Account	6,628,000	5,221,000	11,849,000	Capital
Cleanup Settlement Account	4,855,000	-	4,855,000	Capital
<b>Total Direct Cleanup Investments</b>	<b>27,814,000</b>	<b>22,899,000</b>	<b>50,713,000</b>	
Non-Site Specific Cleanup Investments (IPG, PPG, and Legislative-Directed Investments)	(2,692,000)	(3,426,194)	(6,118,000) <sup>32</sup>	Capital and Operating
<b>Direct Site-specific Cleanup Investments</b>	<b>25,122,000</b>	<b>19,473,000</b>	<b>44,595,000</b>	

**Note:** Totals may not add due to rounding.

IPG = Integrated Planning Grants

PPG = Public Participation Grants

<sup>32</sup> We subtracted IPGs, PPGs, and Legislative-directed Investments from the total because these activities are not Direct Site-Specific Cleanup Investments. For example, IPGs provide funding to local governments to assess one or more contaminated sites and to develop integrated project plans for cleaning up and redeveloping brownfield properties in a study area.

## Ecology spent \$9 million less on cleanup in 2019–21 than reported in the 2017–19 biennium. Here’s why:

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COVID-19 pandemic impacts to both Ecology and local government partners delayed Ecology’s cleanup spending in the 2019–2021 biennium.

- **COVID-19 impacts to Ecology.** We conduct most of our state-directed cleanup work by procuring outside services through a contract agreement. Our ability to continue procuring services through contracts stalled for eleven months when Washington’s Governor Jay Inslee issued [Directive 20-05](#),<sup>33</sup> directing all state agencies to freeze personal services contracts (May 2020 to April 2021). The directive included a hiring freeze at the same time, which impacted Ecology’s staff resources and limited our ability to oversee cleanups and associated grants or contracts.
- **COVID-19 impacts to local governments.** Remedial Action Grants provide cleanup funding to local governments. The Legislature appropriates money so Ecology can offer grants or loans to help with cleanup costs. Several factors may have impacted our local government partners during the COVID-19 pandemic:
  - **Strained resources**, making them less willing to enter into agreements (orders or decrees), which are required before issuing the grant.
  - **Reduced financial resources**, impacting their ability to provide their share or grant match. For example, Standard Oversight Remedial Action Grants require the local government to match it 50 percent.
  - **Reduced spending** when projects slowed down due to COVID-19 safety protocols, or due to barriers such as fieldwork limitations or designation of “essential businesses or workers.”
  - **Reduced staff** due to lost or redirected employees during the pandemic.

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<sup>33</sup> [https://www.governor.wa.gov/sites/default/files/20-05%20-%20Hiring-PS%20Contracts-Purchasing%20%28tmp%29.pdf?utm\\_medium=email&utm\\_source=govdelivery](https://www.governor.wa.gov/sites/default/files/20-05%20-%20Hiring-PS%20Contracts-Purchasing%20%28tmp%29.pdf?utm_medium=email&utm_source=govdelivery)

## Percentage of direct site-specific cleanup investments made during the 2019–21 biennium that funded actions at highly-ranked sites

The Model Toxics Control Act requires that Ecology establish a hazard ranking system. In the early 1990s, Ecology worked with the MTCA Science Advisory Board to develop a ranking system for hazardous waste sites, known as the Washington Ranking Method (WARM). This method is used to rank sites on a scale of one to five, with a score of one (1) representing the highest relative level of concern, and five (5) the lowest. As noted in Chapter 5, EPA Superfund sites included on the National Priorities List (NPL) are assigned a score of zero (0). Many factors are used to determine this ranking, which inform the site’s threat to human health; see “How do we prioritize cleanups?” in Chapter 5. Distribution of funds by ranking is shown in Table 12.

**Table 12:** Direct site-specific cleanup investments by site rank.

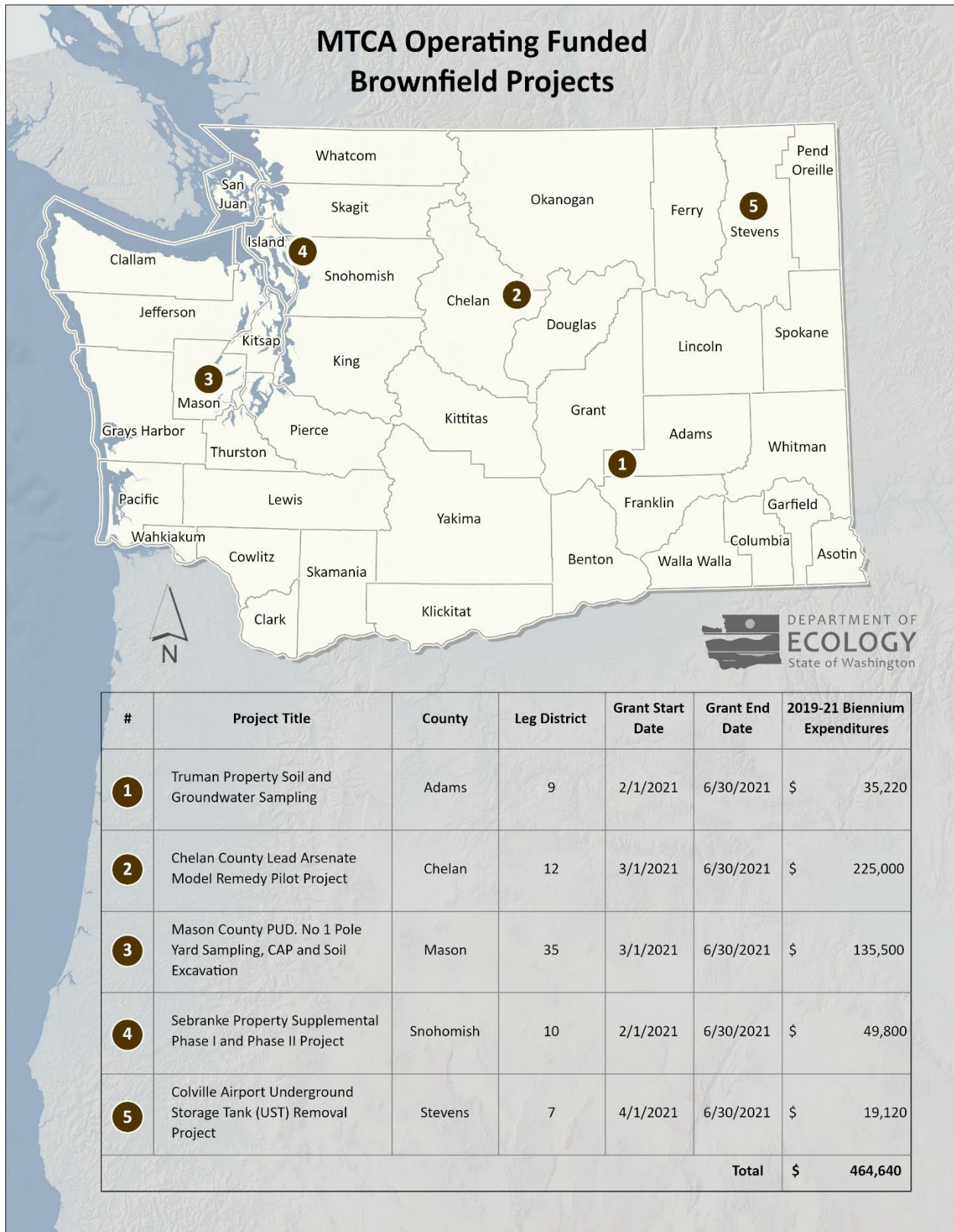
Rank	Count	\$ Spent	% Spent
Federal Superfund Sites (Rank = 0)	9	\$9,381,000	19%
WARM Rank = 1	32	\$7,399,000	15%
WARM Rank = 2	31	\$4,027,000	8%
WARM Rank = 3	19	\$2,162,000	5%
WARM Rank = 4	7	\$927,000	2%
WARM Rank = 5	16	\$4,100,000	9%
Not Ranked	75	\$20,461,000	42%
<b>Total</b>	<b>189</b>	<b>\$48,456,000</b>	<b>100%</b>

**Note:** Total in this table is \$2,258,000 less than Table 11 (Direct Cleanup Investments) because Public Participation Grants are not ranked. Numbers may not match other tables due to rounding.

During the 2019–21 biennium, Federal Superfund, Rank 1, and Rank 2 sites consisted of 42% of Ecology’s direct investments (state contracts, grants, and loans).

Unranked sites comprised 42% of direct site-specific cleanup investments. These include:

- a. The Mount Baker Properties Cleanup ([CSID 13054](#)) and the Swift Creek natural asbestos landslide (both projects entered into higher spending phases this biennium compared to 2017–19).
- b. Projects with dedicated funding like the habitat restoration work at Harper Estuary in Kitsap County.
- c. Leaking Tank Model Remedies sites.
- d. Investigation work as part of due diligence funded through Integrated Planning Grants (increased from 2017–19, see Figure 19 and Appendix D) or the MTCA Operating Funded Brownfield Projects (Figure 15 and Appendix G).



**Figure 15:** Brownfields grants awarded from the MTCA Operating Account during the 2019–21 biennium.

## **Types of remedial actions started or completed in 2019–21**

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We used expenditures during the 2019–21 biennium to conduct a wide range of activities, which we generally classify as either investigations (such as testing of soil or groundwater) or cleanup. The Legislature has also made special appropriations from MTCA accounts for other legislative-directed projects.

Ecology made \$50.7 million in direct cleanup investments (state contracts, grants, and loans) during the 2019-21 biennium. Approximately 66% of those funds were expended on cleanup actions (\$33.5 million) and 34% on investigations and related activities, and special appropriations (\$17.2 million). Because AFRS has limitations on the level of detail we can capture, these are best estimates of expenditures.

Table 14 summarizes expenditures for major categories of grants and contracts. The two major categories of expenditures consist of the following:

- Oversight Remedial Action Grants & Loans help pay for local governments' cleanup of contaminated sites where the work is being conducted under an enforcement order, agreed order, or consent decree issued under MTCA. Cleanups conducted under order or decree issued by EPA under federal cleanup law are also eligible for these grants and loans. The grant expenditures for this category are detailed in Appendix C.
- Ecology-Conducted or Contracted Expenditures are for state-led work, primarily in Ecology's Eastern Washington Clean Sites Initiative, Cleanup Toxic Sites—Puget Sound, and Asarco capital budget programs. Expenditures and projects for this category are detailed in Appendix E.
  - In Eastern Washington and Puget Sound, Ecology invests in sites that are abandoned or lack compliant owners, or invests to leverage partnerships with other state agencies, tribes, local governments, and liable parties. The projects range from Ecology-administered public works process contracts for cleanup construction (for example, Custom Plywood in Skagit County, [CSID 4533](https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=4533))<sup>34</sup> to agreements supporting Ecology's work with the U.S. Environmental Protection Agency and at the Lower Duwamish Waterway site ([CSID 1643](https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=1643))<sup>35</sup>.
  - Ecology leads the [Asarco smelter plume cleanups](https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-sites/Everett-Smelter)<sup>36</sup> in Tacoma and Everett, as well as Asarco mine site cleanups statewide. The contract work ranges from large construction projects where Ecology directly conducts the cleanup, to interagency agreements with local health departments that provide education and outreach to communities affected by Asarco contamination.

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<sup>34</sup> <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=4533>

<sup>35</sup> <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=1643>

<sup>36</sup> <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-sites/Everett-Smelter>



**Table 13:** Total Remedial Action expenditures for the 2019–21 biennium.

<b>Remedial Action Categories</b>	<b>Total Expenditures</b>
Oversight Remedial Action Grants & Loans	\$18,632,000
Independent Remedial Action Grants	\$840,000
Integrated Planning Grants	\$1,168,000
Safe Drinking Water Action Grants	\$0
Area-wide Groundwater Investigation	\$0
<b>Sub-Total Remedial Action Grants and Loans</b>	<b>\$20,640,000</b>
Public Participation Grants	\$2,258,000
Ecology-Conducted or Contracted Expenditures	\$27,816,000
<b>Total</b>	<b>\$50,714,000</b>

## How much did Ecology spend in the various project phases of remedial actions in 2019–21?

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When Second Engrossed Second Substitute Senate Bill 5296 (2E2SSB 5296) passed in 2013–14, it outlined requirements that changed how we report on site cleanup phases today. Specifically, it required the actual or estimated expenditures of funds for these five project phases:

1. Emergency or interim actions
2. Remedial investigation
3. Feasibility study and selection of a remedy
4. Engineering design and construction of the selected remedy
5. Operation and maintenance or monitoring of the constructed remedy

Since then, Ecology has taken steps to track cleanup project phases by developing accounting codes to track direct cleanup investments. There are financial system limitations to capturing all costs by phase, but we can capture contract expenditures and grants and loans by project phase. See Table 15.

- Definition of direct cleanup investments by the state. Ecology has determined there are two broad categories of direct cleanup investments and direct site-specific cleanup investments that can be tracked. These categories are:
  - Ecology-conducted work;
  - Remedial action grants and loans (RAG), as well as public participation grants (PPG).

- We will continue to track staff-related costs for oversight of work under orders or decrees and to oversee contract work by site for cost recovery purposes. We do not report these by cleanup phase since the data cannot be tracked. The statewide accounting systems and Ecology's payroll system have account code structures that limit the detail and flexibility of coding and reporting.

**Table 14:** Summary of expenditures for major project phases.

Project Phase	Type	Ecology-Conducted	RAG & PPG	Expenditure Total	%
Site Hazard Assessment & Initial Investigation	Investigation	336,000	-	336,000	1%
Emergency Actions & Interim Actions	Cleanup	370,000	5,197,000	5,567,000	11%
Remedial Investigations	Investigation	2,419,000	7,004,000	9,423,000	19%
Feasibility Study & Remedy Selection	Investigation	1,010,000	1,882,000	2,892,000	6%
Engineering Design	Cleanup	2,644,000	2,389,000	5,033,000	10%
Construction	Cleanup	12,286,000	4,602,000	16,888,000	33%
Post-Construction Operation and Maintenance or Monitoring	Cleanup	5,137,000	40,000	5,177,000	10%
Independent Remedial Action Grants (VCP)	Cleanup	-	840,000	840,000	2%
Integrated Planning Activities	Investigation	-	414,000	414,000	1%
Legislative-Directed Investments and Other*	Other	2,692,000	-	2,692,000	5%
Cleanup Program Support	Investigation	920,000	531,000	1,451,000	3%
<b>Total</b>		<b>27,814,000</b>	<b>22,899,000</b>	<b>50,713,000</b>	
Cleanup		20,437,000	13,068,000	33,505,000	66%
Investigations		4,685,000	9,831,000	14,516,000	29%
Other		2,692,000	-	2,692,000	5%

\*\* *Legislative-Directed Investments & Other* includes:

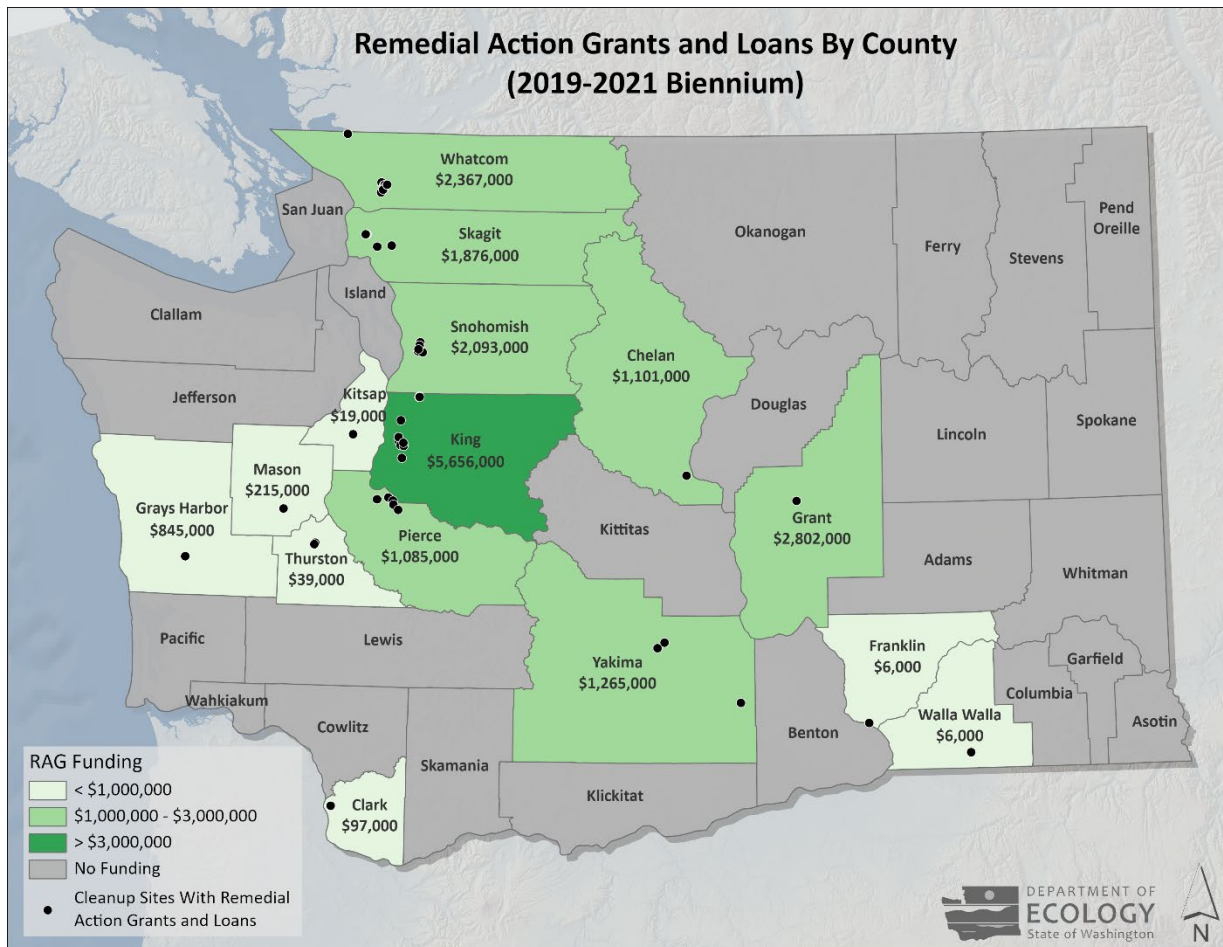
- **Legislative-directed investments, such as:**
  - Harper Estuary Restoration Projects in Kitsap County
  - Lakewood Ponders in Pierce County
- **Other costs important to Toxics Cleanup Program work and individual projects, but not identified with a specific cleanup, such as:**
  - Tribal liaison and public involvement work integral to the Puget Sound Initiative projects.
  - Information technology investments in tools to calculate cleanup levels and support other cleanup work, such as updating the MTCA Cleanup Rule.
  - Support for activities, such as outreach for the Lower Duwamish Superfund Site.
  - Agreements with local health departments supporting work in the Tacoma Smelter Plume.

## Ecology-supervised, and Independent Remedial Action Grants and Loans, provided to local governments during the 2019–21 biennium

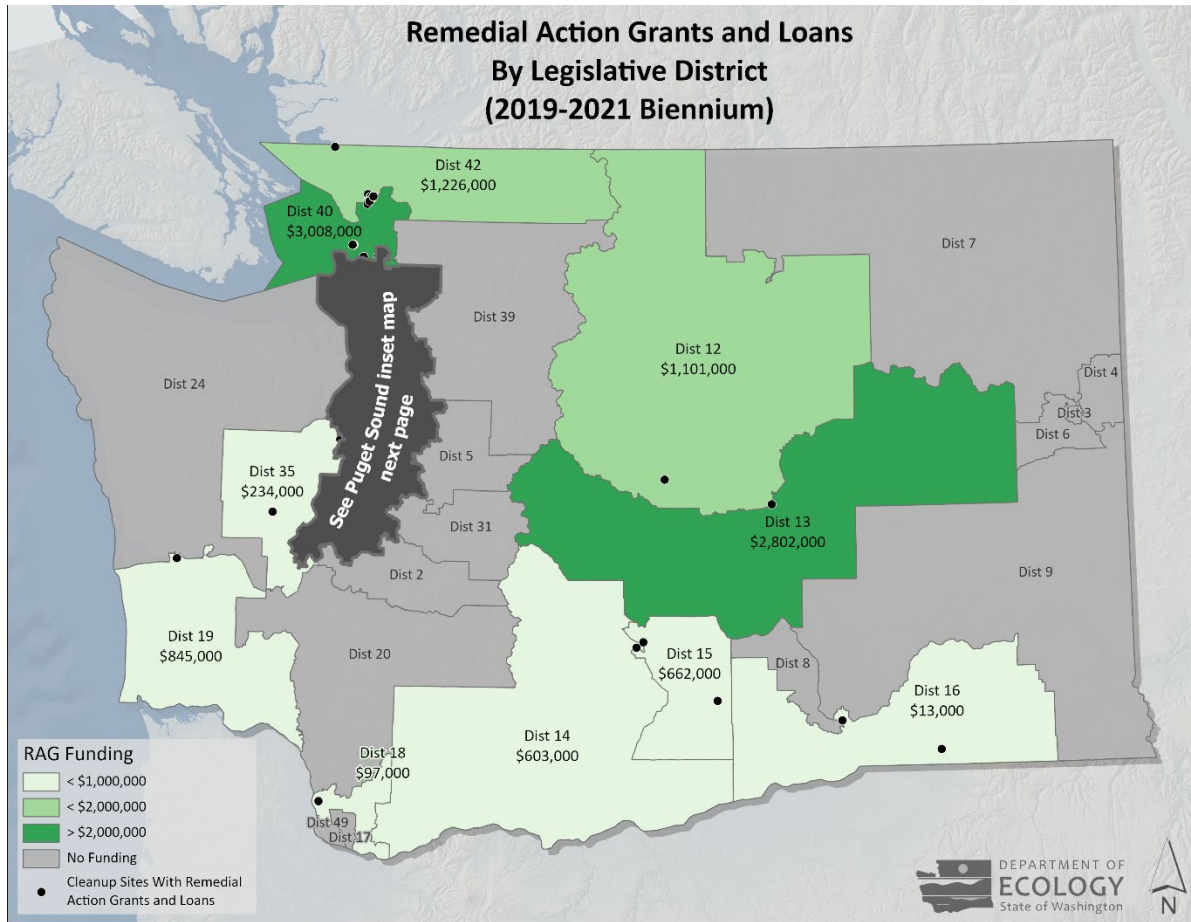
We provide funding to local governments that are investigating and cleaning up contaminated sites either under the supervision of Ecology or EPA, or independently.

During the 2019–21 biennium, local governments received funds from Ecology to pay for cleanup at 67 sites. We provided two loans during this period to cover project costs for the Port of Ridgefield’s Former Pacific Wood Treating Site (CSID 3020) cleanup project in Clark County and Port of Everett’s Weyerhaeuser Mill A Site (CSID 2146) in Snohomish County..

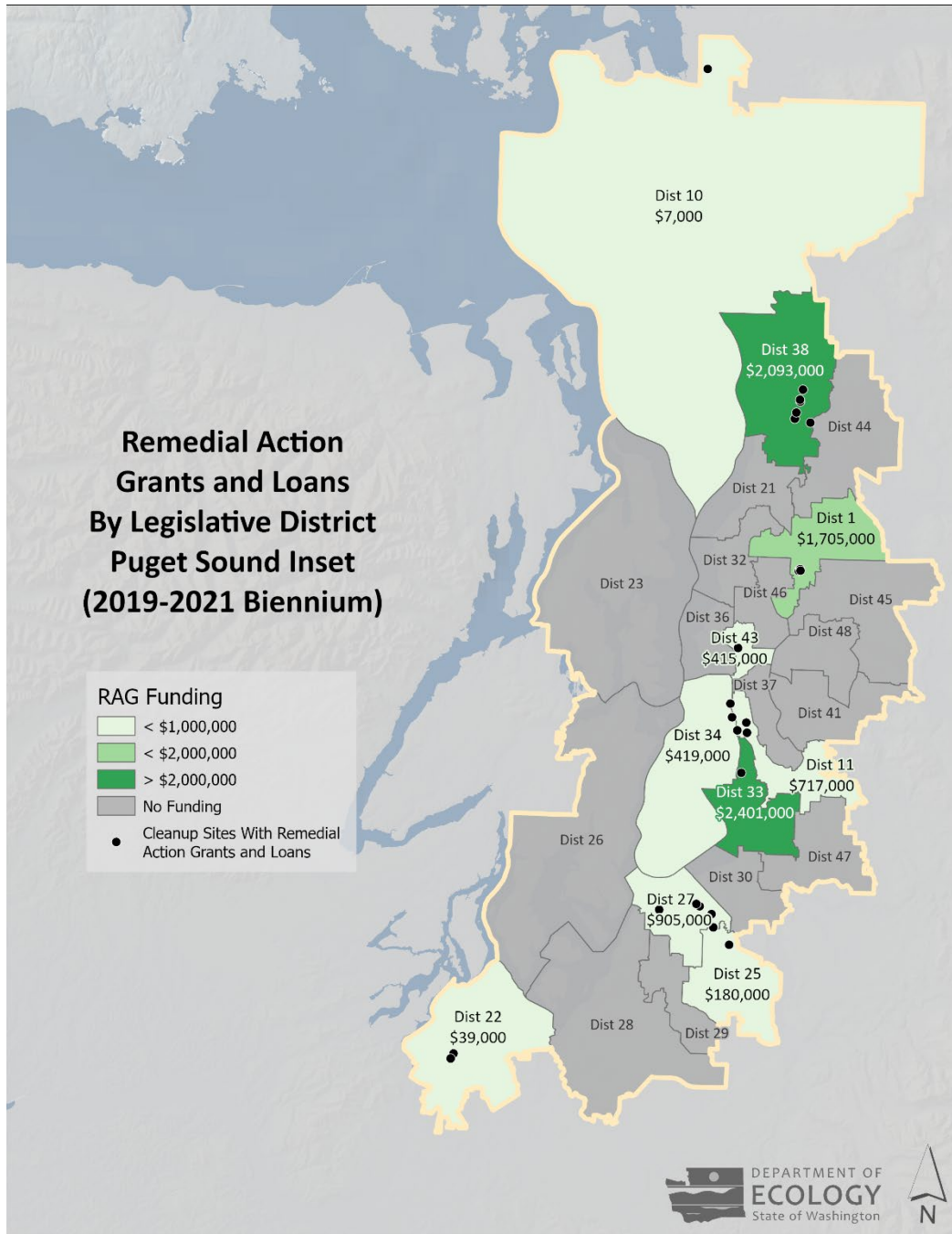
Total grant and loan cleanup expenditures for the biennium were \$19.5 million. Expenditures for individual projects for the two-year period ranged from \$260 to \$2,597,000. The geographic distribution of these expenditures is mapped in Figures 16, 17, and 18. See Appendix C (RAG Financial Table) for individual grants and loans expenditures.



**Figure 16:** Remedial Action Grants and Loans expenditures by county (July 2019 to June 2021), which include Ecology-supervised and independent cleanups. See Appendix C for details.



**Figure 17:** Remedial Action Grants and Loans expenditures by legislative district (for Ecology-supervised and independent cleanups) (July 2019 through June 2021). See Appendix C for details.



**Figure 18:** Close-up view of Figure 17. Remedial Action Grants and Loans expenditures in Puget Sound by legislative district (for Ecology-supervised and independent cleanups) (July 2019 through June 2021). See Appendix C for details.

## **Integrated Planning Grants provided to local governments during the 2019–21 biennium**

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Integrated Planning Grants provide funding to local governments to assess one or more contaminated sites, and to develop integrated projects plans for cleaning up and redeveloping brownfield properties at those sites. Brownfield properties are previously developed properties that are currently abandoned or underused because of actual or perceived historic contamination. IPGs are intended to help local governments make informed decisions when considering whether to purchase or redevelop such properties.

Redevelopment of a brownfield site can result in a complicated undertaking, especially for smaller communities. IPGs can support local governments' efforts by helping pay for an integrated site plan that not only addresses cleanup, but assists with planning and financing elements for post-cleanup redevelopment. The local government often uses the resulting plans to support requests for subsequent remedial action grants or loans, as well as clarify site conditions for potential private investments.

In the 2019–21 biennium, there were eight local government IPG projects with expenditures that ranged from \$35,900 to \$274,600. Total IPG expenditures during the biennium were \$1,168,400.

Figure 24 maps these IPG names, locations, and expenditures. See Appendix D for the Integrated Planning Grant Financial Tables.



**Figure 19:** Integrated Planning Grant expenditures (July 2019 through June 2021). See Appendix D for details, including award biennium and grant descriptions.



## **Public Participation Grants provided during the 2019–21 biennium**

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MTCA requires that one percent (1%) of the revenue from the Hazardous Substance Tax be allocated for Public Participation Grants (PPG) each biennium. The 2019–21 Operating Budget allocated \$2.4 million to Ecology’s PPG program.

PPG is a competitive grant program that provides funding to qualified individuals and not-for-profit public interest organizations. The purpose of these grants is to facilitate public participation in the investigation and remediation of contaminated sites and to facilitate implementation of the state’s solid and hazardous waste management priorities.

- Ecology received 37 PPG applications for the 2019–21 Biennium.
- The total amount requested was \$3.7 million.
- The PPG budget provided funding for 23 applications from a ranked list.
- See Appendix F for the list of grant recipients and dollar amounts.

## **Why were no grants awarded for Site Hazard Assessment projects during the 2019–21 biennium?**

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Ecology discontinued the Site Hazard Assessment grants during the 2017-19 biennium and permanently transitioned this work back to Ecology. The funding variability and uncertainty of the Site Assessment grants during the 2015–17 and 2017–19 biennia left many local health districts with smaller budgets than planned. This resulted in the cutting or reassignment of staff previously funded by these grants.

Today, Ecology or the Pollution Liability Insurance Agency (PLIA) conducts all initial investigations. PLIA only conducts initial investigations of suspected heating oil sites. Ecology conducts all site hazard assessments.

## **Why were no grants awarded for Area-wide Groundwater projects during the 2019–21 biennium?**

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Ecology did not receive any applications or appropriations for area-wide groundwater projects during the 2019–21 biennium.

These grants provide funding to local governments to investigate groundwater contaminated by hazardous substances from multiple sites, and to facilitate the cleanup in these areas. In 2013, the Legislature made several changes designed to increase the use of these grants.

## Why were no grants awarded for Safe Drinking Water Action Grants during the 2019–21 biennium?

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Ecology did not receive any applications or appropriations for safe drinking water action projects during the 2019–21 biennium.

These grants help local governments, or local governments applying on behalf of a purveyor, provide safe drinking water to areas contaminated by or threatened by contamination from hazardous waste sites.

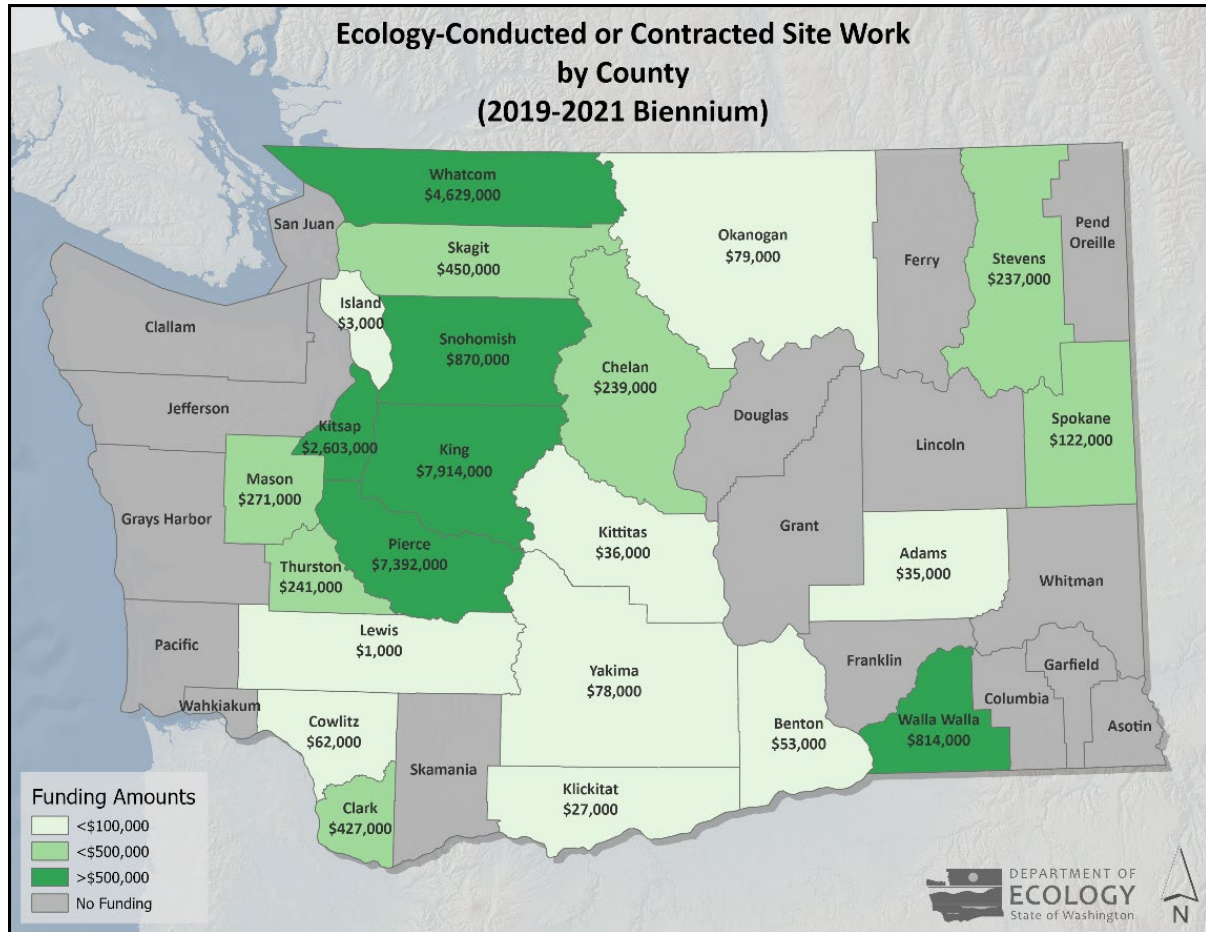
## Direct investments at sites where Ecology conducted or contracted for remedial actions

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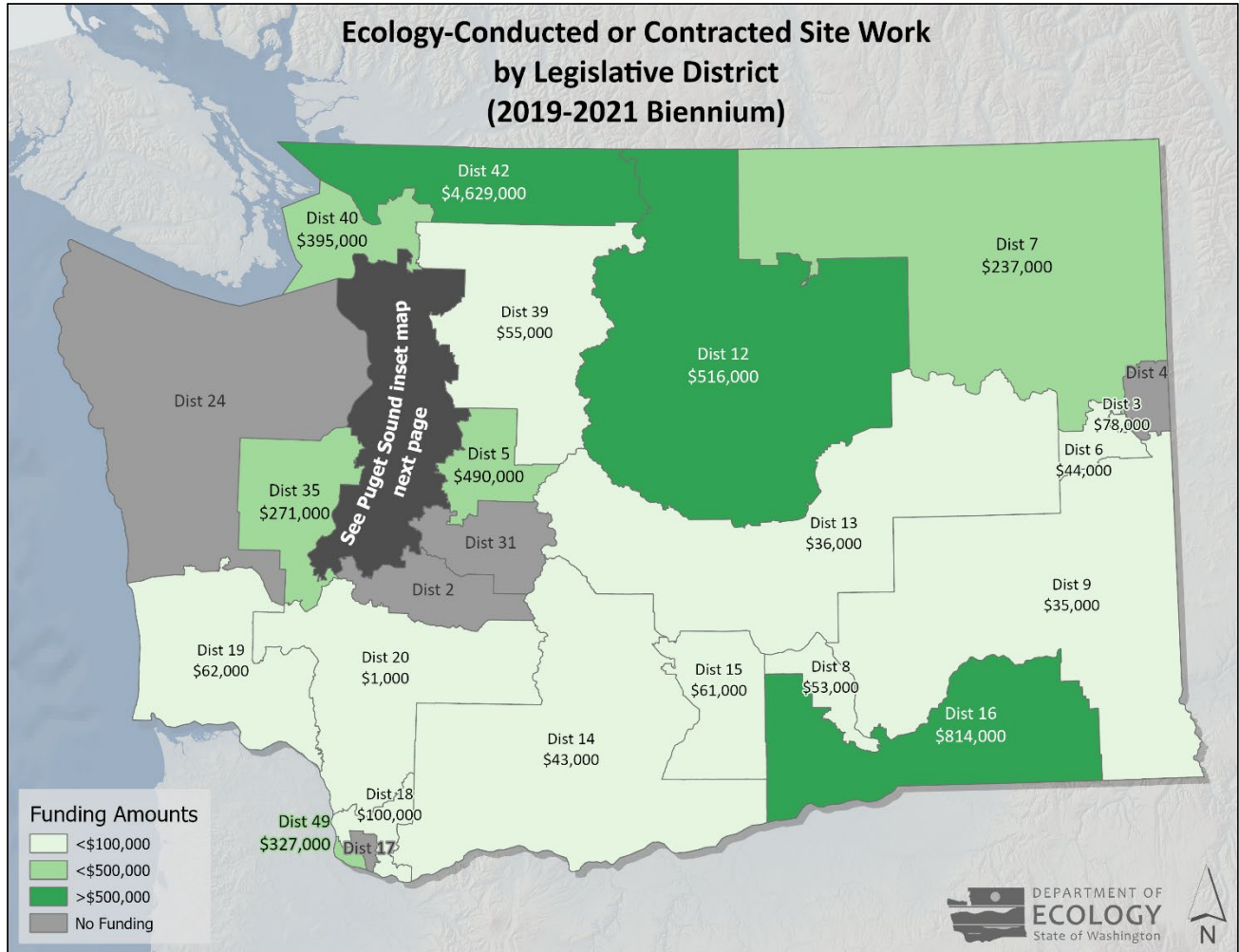
Ecology conducted or contracted for remedial actions at more than 100 sites during the 2019–21 biennium. Total expenditures were \$25.1 million. (Note that this amount does not include Remedial Action Grant expenditures or Ecology-conducted work that is not site-specific.) We used these direct investment funds to conduct a wide range of activities broadly classified as:

- **Investigations.** We used 19% of the Ecology expenditures (\$4.7 million) to complete remedial investigations, feasibility studies, cleanup action plans, and special appropriated projects.
- **Cleanup.** We used 81% of the Ecology expenditures (\$20.4 million) to conduct cleanup actions, interim actions, or compliance monitoring/operation and maintenance of cleanup technologies (e.g. groundwater treatment systems).

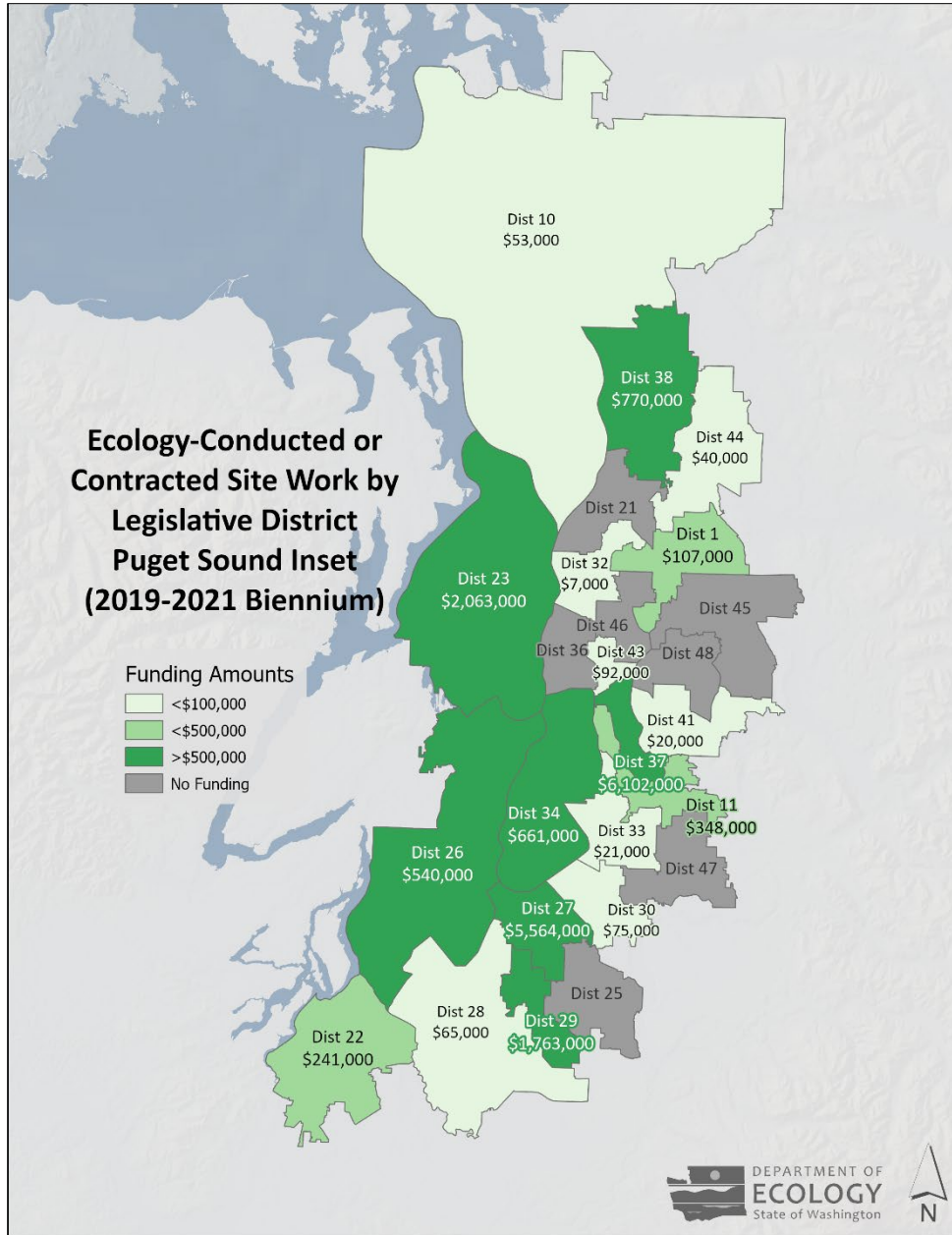
Figures 20, 21, and 22 map the geographic distribution of Ecology's site investments by county and legislative district. Appendix E (Ecology-Conducted and/or Contracted Site Work Financial Table) details the expenditures for these individual sites.



**Figure 20:** Ecology-conducted or contracted site work by counties (2019–21 biennium). Note that the map identifies only those investments unique to counties. See Appendix E for a breakdown of all Ecology-conducted or contracted work that includes statewide cleanup efforts.



**Figure 21:** Ecology-conducted or contracted site work statewide by legislative district (2019–21 biennium). Note that this map and Figure 22 [next map] identify only those investments unique to legislative districts. See Appendix E for a breakdown of all Ecology-conducted or contracted work that includes statewide cleanup efforts.



**Figure 22:** Ecology-conducted or contracted site work in Puget Sound by legislative district (2019–21 biennium).

## Cost recovery from potentially liable parties and voluntary cleanup customers: here's how it works

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Ecology recovers remedial action costs incurred under MTCA that we can reasonably attribute to individual sites. The MTCA Cleanup Rule, and agency policy and guidance, describe what costs we may recover and how we must calculate the costs. We compile costs and bill periodically (quarterly for supervised cleanups, monthly for voluntary cleanup technical assistance), with payment required within 30 days of billing. These costs include:

- Direct activities;
- Support for direct activities; and
- Any interest charges for past due payments.

If the person conducting the cleanup fails to make timely payments, Ecology has a number of tools to recover costs. These include:

- Contacting a corporation's registered agent who is responsible for receipt of important legal and tax documents.
- Working with other state agencies to apply refunds they may owe a PLP toward Ecology's costs.
- Using a collection agency.
- Using Ecology's lien authority under [RCW 70A.305.060](https://app.leg.wa.gov/RCW/default.aspx?cite=70A.305.060).<sup>37</sup>
- Using Ecology's enforcement authority under [RCW 70A.305.050](https://apps.leg.wa.gov/rcw/default.aspx?cite=70A.305.050).<sup>38</sup>

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<sup>37</sup> <https://app.leg.wa.gov/RCW/default.aspx?cite=70A.305.060>

<sup>38</sup> <https://apps.leg.wa.gov/rcw/default.aspx?cite=70A.305.050>

## How much did we cost-recover in the 2019–21 biennium?

Ecology recovered \$12.4 million in three MTCA accounts (MTCA Capital, MTCA Operating and the Voluntary Cleanup account) during the 2019-21 biennium. Table 16 summarizes the MTCA cost recovery amounts for the biennium. Table 15 provides a partial listing of the largest 25 invoiced cleanup costs for individual sites that account for \$3.8 million of the total.

Because of limitations in the Agency Financial Reporting System (AFRS) and the quarterly billing cycle, it is not possible to directly correlate expenditures in any given biennium with costs recovered in that biennium to determine if Ecology is meeting the statutory goal of recovering all costs reasonably attributable to sites. In some cases, cost recovery is delayed when Ecology contracts for cleanup work where the potentially liable person is financially viable but refuses to do the work or pay Ecology’s oversight costs. For these reasons, we make a better determination of cost recovery success over several biennia after we have closed out the total expenditures and payments out for the site.

**Table 15:** 2019–21 cost recovery revenue for MTCA Capital (23N), MTCA Operating (23P) and Voluntary Cleanup (23V) accounts

Source	Sites	Amount
Formal Site Cost Recovery and Other* (oil, non-spills recovery)	255	\$11,134,000
Voluntary Cleanup Program sites	498	\$1,298,000
<b>Total Cost Recovery</b>	<b>753</b>	<b>\$12,432,000</b>

\* Sites with cleanups conducted under an order or decree, and sites with financially viable but potentially liable parties. This also includes the Nuclear Waste Program’s cost recovery at the US Ecology, Inc. Site, which is located on the federal Hanford Site near Richland, WA.

**Table 16:** 2019–21 Formal site cost recovery, 25 highest dollar amounts invoiced

Site Name	County	Cleanup Site ID (CSID)	Amount
Pasco Landfill NPL Site	Franklin	1910	524,607
OCCIDENTAL CHEMICAL CORP	Pierce	4326	314,410
Gas Works Park	King	2876	213,166
Seattle Public Utilities Midway Landfill	King	4729	207,003
Boeing Auburn	King	5049	201,571
US ARMY CAMP BONNEVILLE	Clark	11670	193,852
TAYLOR WAY & ALEXANDER AVE FILL AREA	Pierce	4692	185,747
BOEING EVERETT	Snohomish	4534	175,897
Jeld Wen	Snohomish	4402	145,626
South Park Landfill	King	1324	143,755
Vancouver Port of NuStar Cadet Swan	Clark	3450	132,993
South Park Marina	King	2858	118,017
Bothell BP 11352	King	5084	116,987
Boeing Developmental Center	King	5059	113,038
General Electric Aviation Div	King	2446	108,739
Time Oil Bulk Terminal	King	14604	107,292
Port Gamble Bay and Mill Site	Kitsap	3444	100,609
PORT ANGELES RAYONIER MILL SITE	Clallam	2270	95,669
Grand Street Commons	King	3018	95,602
8801 E Marginal Way S	King	5056	94,027
Precision Engineering Inc	King	4532	93,312
PORT OF SEATTLE TERMINAL 91	King	2674	93,182
Burlington Environmental LLC Washougal	Clark	2796	92,003
Bothell Service Center Simon & Son	King	427	88,950
Reserve Silica Reclamation	King	4728	87,388
<b>Subtotal 25 Highest Dollar Amounts Recovered</b>			<b>\$3,843,441</b>
<b>Additional Cost Recovery Sites</b>			<b>\$7,290,497</b>
<b>Total Cost Recovery</b>			<b>\$11,133,938</b>



## Chapter 5: Hazardous Sites List

[RCW 70A.305.030](#)(5)<sup>39</sup> requires Ecology to publish the list of ranked hazardous sites every biennium with each site’s name, location, and hazardous waste ranking (also known as the Washington Ranking Method or WARM), short descriptions, and the date each site was placed on the list.

The Hazardous Sites List (HSL) in Appendix H provides this information. The 1,971 sites on the HSL is a subset of the 6,263 sites on the Confirmed and Suspected Contamination Sites List that need cleanup under MTCA.

- Appendix H is the HSL as of March 2, 2021.
- Chapter 5 analyzes the information and provides context. It explains how a site gets on (and off) the list; what factors we consider when ranking sites; where the sites are located; and trends we’ve observed since we began maintaining the HSL in 1990.
- Figure 10 in Chapter 2 illustrates how the HSL relates to other two lists in the ISIS database: the Confirmed and Suspected Contaminated Sites List and the No Further Action List.

In addition to publishing the HSL in this biennial report, we publish it two times each year in February and August/September as a special edition of the *Site Register*:

<https://apps.ecology.wa.gov/publications/UIPages/PublicationList.aspx?IndexTypeName=Program&NameValue=Toxics+Cleanup&DocumentTypeName=Newsletter>

The most recent list is found in Appendix H and online at:

<https://apps.ecology.wa.gov/publications/SummaryPages/2109042A.html>

### Three observations since we began producing the HSL in 1990

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1. By far, the largest number of contaminated sites are from leaking fuel storage tanks (prior to regulation), pipelines, and vehicle repair and servicing. This historical contamination also represents the majority of new contaminated sites that are reported to Ecology each year, many of which are discovered and reported by the public or consultants who are doing due diligence for property transactions.
2. The second most common categories are landfills and other waste handling facilities.
3. A major category of work that is under-represented by these numbers is area-wide pollution caused by smelters and historic use of lead-arsenical pesticide.

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<sup>39</sup> <https://app.leg.wa.gov/RCW/default.aspx?cite=70A.305.030>

## How Ecology prepared information for this chapter

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We typically update the Hazardous Sites List in February and August/September. We used HSL data pulled on March 2, 2021, which is generated from information found in our Integrated Site Information System (ISIS) database. Ecology cleanup project managers supplemented ISIS database information as needed.

## Hazardous Sites List in detail

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The HSL is a subset of sites with confirmed or suspected contamination needing cleanup under MTCA. The HSL identifies those sites that we have ranked, based on potential threat to human health and the environment. Note that we don't rank all contaminated sites: many sites reported to us have already been cleaned up and do not need ranking, and therefore are not on this list.

To determine a site's hazard ranking, Ecology (or its designee) conducts a Site Hazard Assessment (SHA). Prior to 2017, Ecology had often contracted with local health departments to conduct this assessment, for which we had provided MTCA-funded SHA grants to many local health districts. When the 2017–19 biennial budget was enacted late and funding was not provided for the grants, Ecology permanently began conducting all SHAs statewide. For more information on SHA grants, see Chapter 5.

Assessments typically include identifying the type, location, and estimated quantities and concentrations of hazardous substances released or threatened to be released. Sites are ranked relative to each other. Ecology considers the hazard ranking of a site, along with many other factors, when deciding which sites to prioritize for cleanup or grant funding. Other factors include, but are not limited to, the reuse potential of the land and level of public concern with the site.

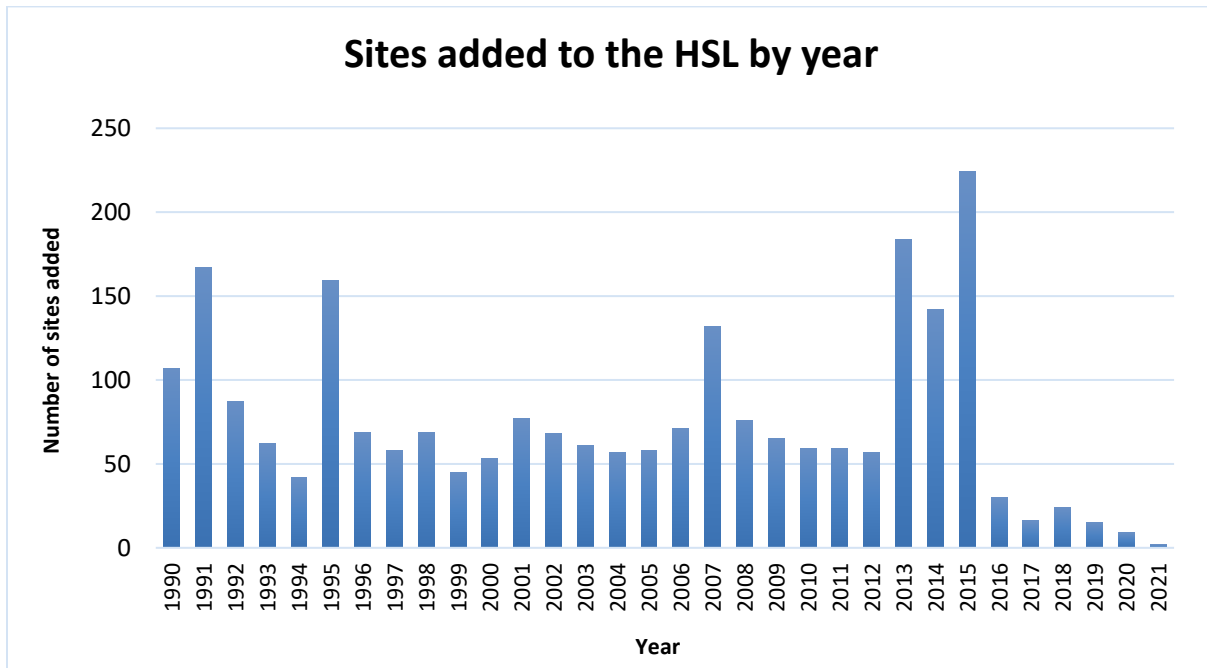
## We've added about 75 new sites to the HSL each year

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Ecology began publishing the HSL in 1990 and since then, we've added an average of 75 new sites to the HSL each year, ranging from 8 to 223 sites each year. The historic pattern of additions to the list is shown in Figure 23. (Note that HSL sites are only a subset of the approximately 300 to 350 new discovered sites that are reported to Ecology each year.)

Over the past 32 years, Ecology has de-listed or removed 433 sites from the HSL through our formal No Further Action process, averaging 14 sites de-listed per year.

This number, however, reflects only a small subset of the 7,448 sites that have already completed cleanup actions since the early 1990s, averaging 232 completed cleanups per year. Many sites are never added to the Hazardous Sites List at all, because: a) many are cleaned up before they are ranked; and b) most sites that enter the Voluntary Cleanup Program or are cleaned up at the Initial Investigation or SHA stages, are seldom ranked and therefore never added to the HSL.



**Figure 23:** Number of sites added to Ecology’s Hazardous Sites List from 1990 through March 2, 2021, 2021. We have added about 75 new sites have been added each year to the HSL since we began publishing it in 1990. Note: The high volume of additions to the HSL from 2013 through 2015 were due largely to Ecology’s one-time project with a contractor team to conduct Site Hazard Assessments (SHAs). Beginning in 2017, grants to local public health districts for conducting SHA’s were eliminated; Ecology now conducts all SHAs.

## How many sites are on the Hazardous Sites List today?

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As of March 2, 2021, there were 1,971 sites on the Hazardous Sites List at varying stages of investigation and cleanup. Ecology currently classifies sites on the HSL into one of three broad categories. Table 17 sorts these broad category of sites by their WARM ranking.

- **Construction Complete/Operation and Maintenance/Performance Monitoring = 128 sites.** The list includes sites where cleanup actions have been completed, but require ongoing operation and maintenance or compliance monitoring.
- **Cleanup Started = 1,224 sites.** Cleanup actions (investigations and/or cleanup) have started at more than half the listed sites.
- **Awaiting Cleanup = 604 sites.** For these sites, Ecology or local health districts have completed initial investigations and concluded that no immediate actions are needed to reduce health or environmental risks.
- **Tracked by EPA = 15.** The list also includes 15 of 21 EPA sites that are ranked (and therefore on Ecology's HSL), but are tracked and managed by the Environmental Protection Agency.

The Hazardous Sites List does not include sites that have completed cleanup. Since 1990, we have de-listed 433 sites because their remedial actions were completed. We remove a site from the list once we conclude that no further cleanup is required, have issued a formal No Further Action (NFA) determination, and provided an opportunity for public comment on our determination.

## Hazard waste rankings for sites on the HSL

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The Model Toxics Control Act requires that sites be ranked relative to each other to help guide our use of cleanup resources. In the early 1990s, we worked with the MTCA Science Advisory Board <sup>40</sup> to develop a ranking system for hazardous waste sites known as the Washington Ranking Method (WARM).

We use WARM to rank sites on a scale of one to five, with a score of one (1) representing the highest relative level of concern, and five (5) the lowest. U.S. Environmental Protection Agency (EPA) Superfund sites included on the National Priorities List (NPL) are assigned a score of zero (0) to reflect that EPA has already assessed these sites and designated them as a high priority.

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<sup>40</sup> The MTCA Science Advisory Board was eliminated by the Legislature June 30, 2009.

When ranking sites, we consider a consistent set of information:

1. Hazardous substances at the site (e.g., toxicity)
2. Characteristics of the site (e.g., distance to groundwater)
3. Exposure potential (e.g., how many people live near the site)

Table 17 shows the distribution of hazard waste ranking scores. The list includes 283 sites with a hazard ranking of 1 (highest relative level of concern) and 500 sites with a hazard ranking of 5 (lowest relative level of concern). The current list also includes 174 sites on the [National Priorities List](#),<sup>41</sup> which we have assigned a score of zero (0).

**Table 17:** Sites on the Hazardous Sites List as of March 2, 2021, distributed by Hazard Waste Ranking (WARM) scores per site status.

Cleanup Status	WARM ranking 0	WARM ranking 1	WARM ranking 2	WARM ranking 3	WARM ranking 4	WARM ranking 5	Total
Cleanup Started	103	188	193	328	120	292	1,224
Awaiting Cleanup	0	67	77	137	119	204	604
Operation & Monitoring	30	8	4	6	1	1	50
Performance Monitoring	27	19	12	12	5	3	78
Sites tracked and managed by the EPA	14	1	0	0	0	0	15
<b>Total</b>	<b>174</b>	<b>283</b>	<b>286</b>	<b>483</b>	<b>245</b>	<b>500</b>	<b>1,971</b>

## How do we prioritize these cleanups?

Ecology considers many factors when prioritizing a site for cleanup or grant funding. We first consider factors that can threaten human health, which we may determine through our hazard ranking process. For example, is contamination at the site uncontained, or is it exhibiting high mobility? Is it located within a floodplain or in highly permeable soil? Are the contaminants acutely toxic? Are they located within one mile of a drinking water well or a sole-source aquifer? Is it impacting water resources used for crop irrigation?

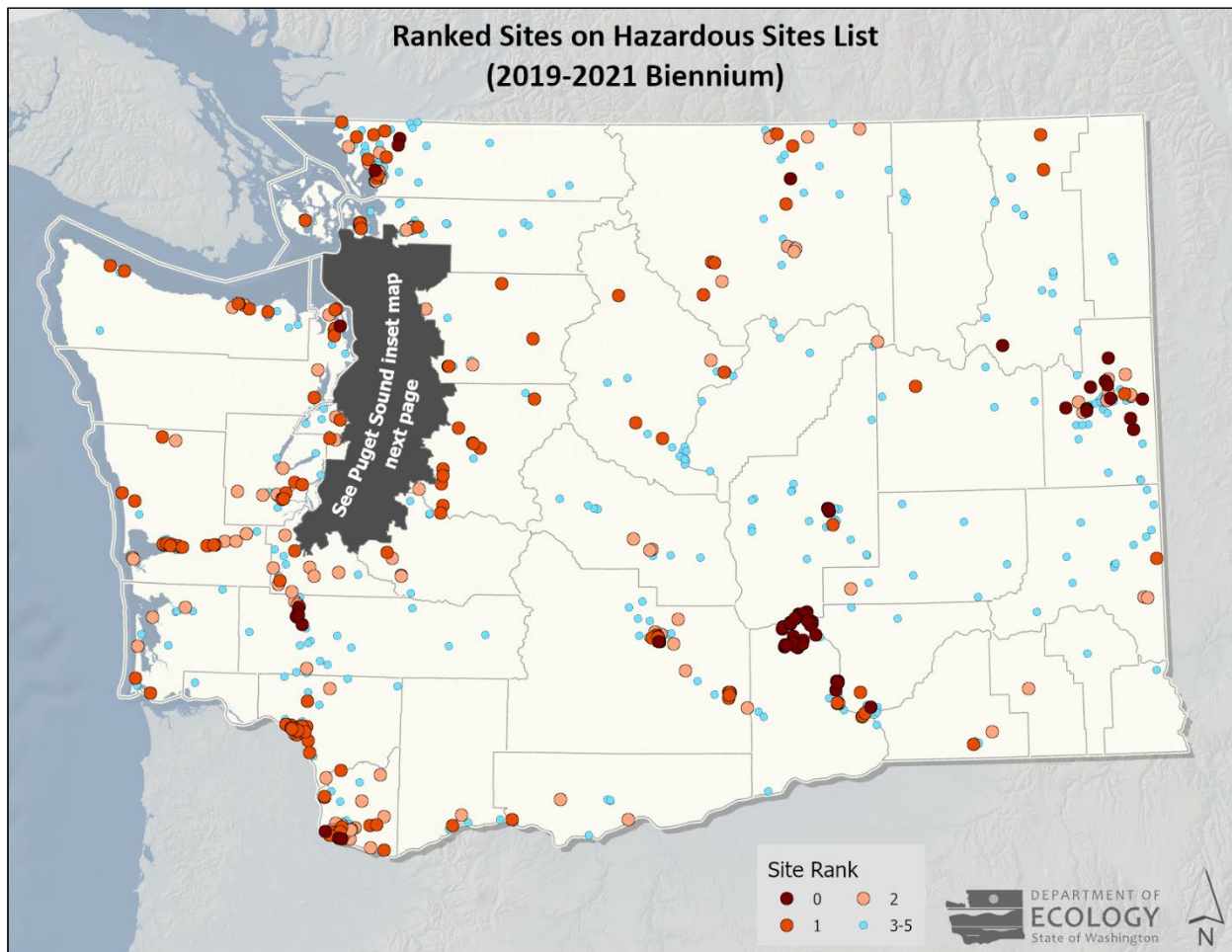
In addition to evaluating the threat to human health, we consider other factors that include the land's reuse potential, the degree of public concern, and the impact to Puget Sound.

<sup>41</sup> <https://www.epa.gov/superfund/superfund-national-priorities-list-npl>

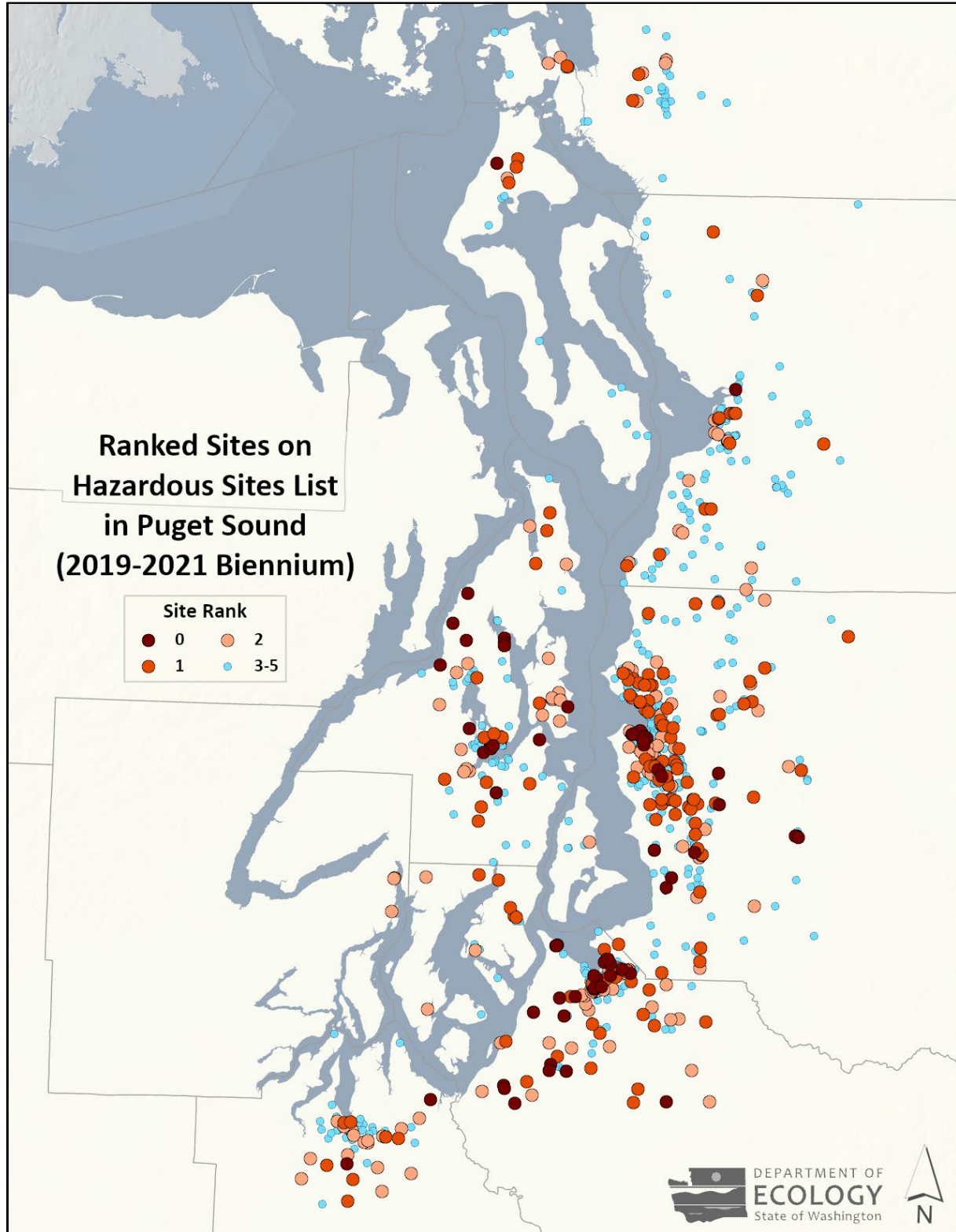
## Here’s where sites on the HSL are located

Although most of Washington’s sites are located in urbanized areas along the I-5 corridor, the HSL has sites in all 39 Washington counties. Four counties each have more than 100 sites: King (558); Pierce (189); Kitsap (135); and Snohomish (118) (see Figure 26).

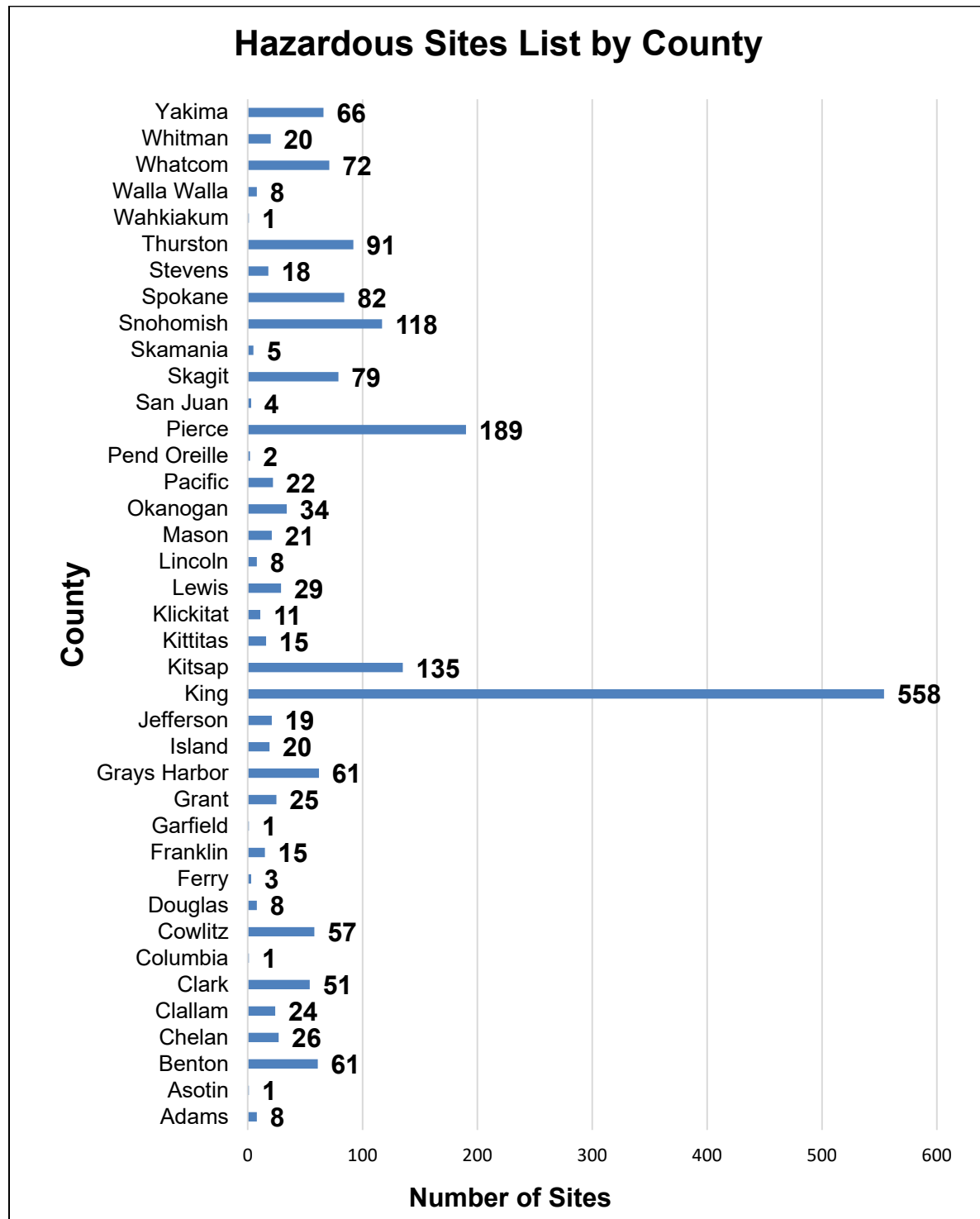
Figures 24 and 25 map the geographic distribution of sites on the HSL. Appendix H provides details for each site, including location, ranking, and description.



**Figure 24:** Location of ranked sites on Hazardous Sites List as of March 2, 2021. Site rankings range from 1 (highest level of concern) to 5 (lowest level of concern), with sites on EPA’s National Priorities List ranked 0. See Appendix H for site details.



**Figure 25:** Close-up view of Figure 45: Ranked sites on Hazardous Sites List along Puget Sound as of March 2, 2021. See Appendix H for details.



**Figure 26:** Number of hazardous sites in Washington state counties as of March 2, 2021. The Hazardous Sites List and this chart include 15 of the 21 sites that are tracked and managed by the EPA.



## What types of sites are on the Hazardous Sites List?

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Sites can be described by the type of industrial facility or activity that is responsible for the contamination. We classified each site using at least one of seventeen general site categories; some sites may have more than one category.<sup>42</sup> We reviewed available site information to develop short descriptions for each site on the HSL, which are found in Appendix H.

Figure 29 summarizes current information on the distribution of industrial facilities and activities. Releases from former underground storage tanks (USTs) are the most frequent cause of contamination problems, many of which are still being discovered today and added to the HSL.

As Figure 28 illustrates, however, since 1990 Washington's regulation of gas stations and other USTs has significantly reduced the number and severity of releases of petroleum and other hazardous substances from USTs, which can pollute drinking water and pose serious threats to human health and the environment.

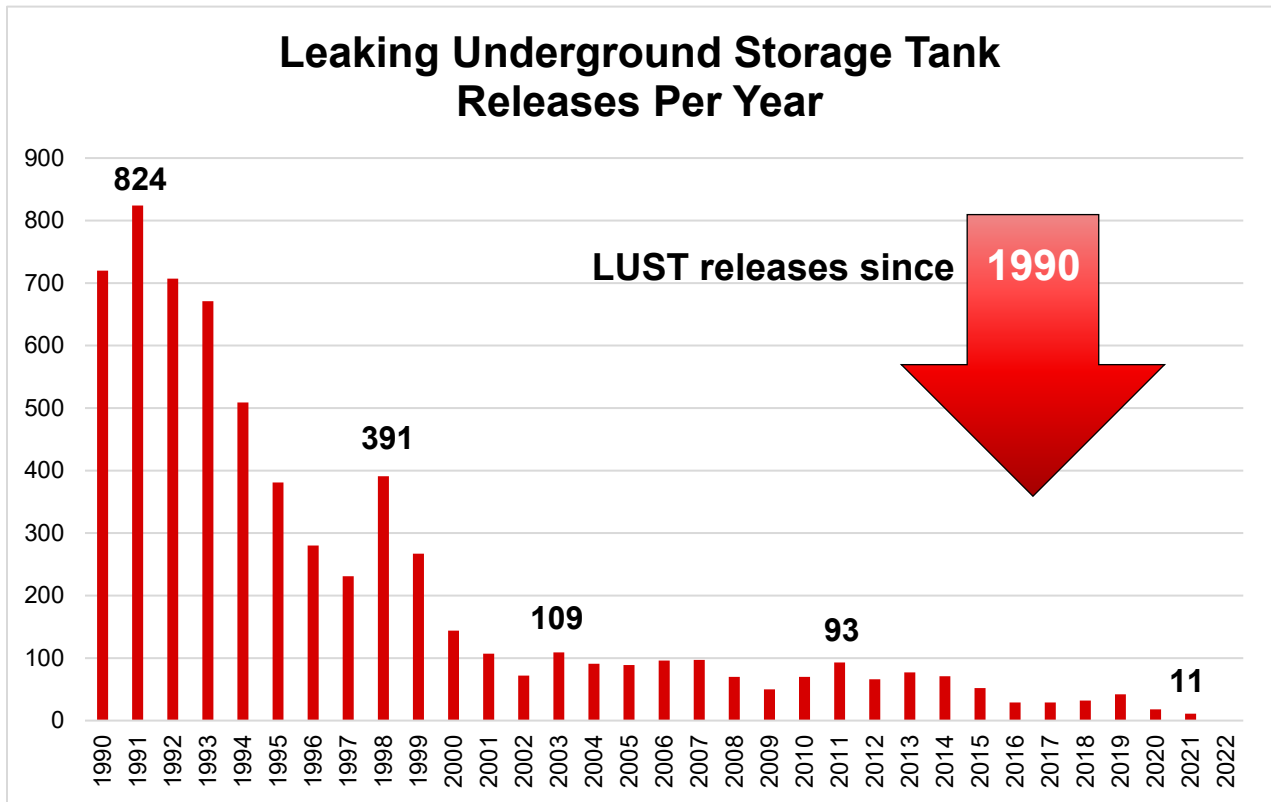
Overall, about half the sites on the HSL are associated with releases from former gas stations and/or facilities that store or refine petroleum. The HSL also includes a large number of dry cleaners, metal manufacturing facilities, and landfills and hazardous waste facilities.



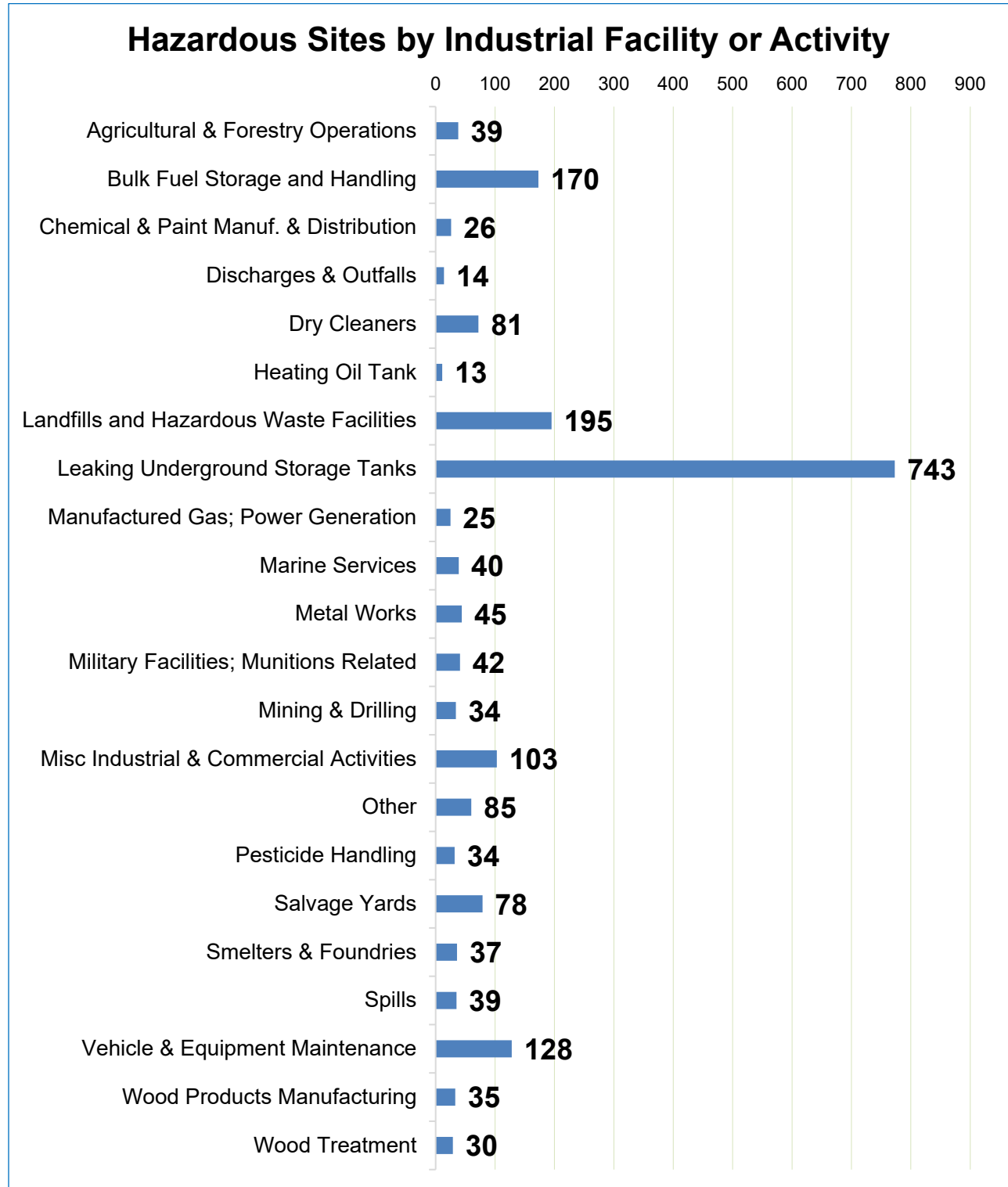
**Figure 27:** Old leaking underground storage tanks at former gas stations represent a large percentage of Washington's contaminated sites. Legacy sites like these are often discovered by the public or consultants doing due diligence for property transactions. Photo by Carl Nenzen Loven on Unsplash.com

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<sup>42</sup> Because some sites have multiple facilities or industrial activities, the total number of sites in Figure 29 exceeds the total number of sites on the HSL.



**Figure 28:** Since its launch in 1990, Washington’s UST compliance program has significantly reduced the number and severity of releases of petroleum and other hazardous substances from underground storage tanks. Releases can pollute drinking water and pose serious threats to human health and the environment. The UST compliance program is subject to sunset review and was last reauthorized by the Legislature in 2018. Learn more about the UST program at <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Underground-storage-tanks>



**Figure 29:** Number of hazardous sites in Washington state by industrial facility or activity as of March 2, 2021. Some sites have multiple facilities or industrial activities and therefore the total number of sites in this figure exceeds the total number of sites on the HSL.

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## Chapter 6: MTCA Success Stories

Funding from the MTCA Operating and MTCA Capital accounts powered statewide cleanups and activities during the 2019–21 biennium. The efforts are protecting public health and making a difference in communities across the state... and sometimes even in your own backyard.



### MTCA SUCCESS IN WALLA WALLA COUNTY

#### Cleaning up hexavalent chromium in groundwater protects local drinking water and nearby Dry Creek

Just outside the City of Walla Walla, a hard chromium electroplating business called [Schwerin Concaves](https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=3956)<sup>43</sup> operated from the late 1970s through 2000. The chrome was used to coat “concaves,” parts of farming combines that separate wheat from chaff. Concaves were coated with chrome at the electroplating facility to protect the equipment from wear and tear.

Unfortunately, the chromium electroplating operations contaminated soil and groundwater with arsenic, cadmium, hexavalent chromium, iron, lead, zinc, nitrate, and sulfate. In response, Ecology issued an enforcement order in 2000 requiring the owners to investigate and clean up the site. However, they have been unable to pay for all of the cleanup, so **Ecology’s Toxics Cleanup Program** stepped in and provided state funds from the Eastern Washington Clean Sites Initiative (CSI).



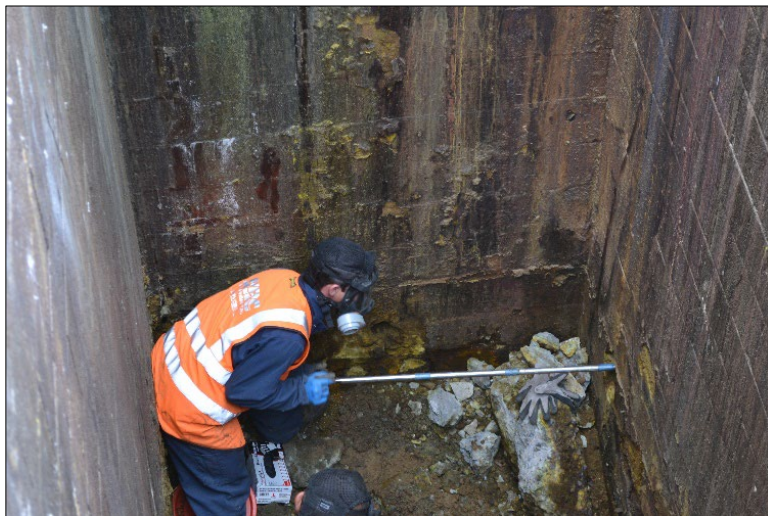
**Figure 30:** Ecology cleanup site managers Bill Fees and Sandra Treccani check the depth to groundwater in one of monitoring wells used to track cleanup progress at the Schwerin Concaves site in Walla Walla, Walla Walla County. Credit: Ecology, Cleanup Site ID 3956.

<sup>43</sup> <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=3956>

In 2012, Ecology issued our cleanup plan, which included:

- Treating contaminated soil and groundwater by adding reactive material that changes hexavalent chromium into trivalent chromium, a safer form.
- Decontaminating and tearing down the former chrome-plating building, and disposing of wastes stored there at an approved hazardous waste landfill.
- Placing institutional controls on the property limiting access and how the land can be used until soil and groundwater is cleaned up enough to meet state standards.

From 2019 through 2021, Ecology used CSI funding to monitor groundwater, remove additional contaminated soil, and install a passive groundwater treatment system. The full treatment system was installed after testing showed a smaller system was successfully reducing contaminants. Groundwater monitoring will continue until samples meet cleanup standards, which we expect will happen in the next few years as the treatment system continues to work. Groundwater in the area is used for irrigation, drinking water, and recreation. Sampling of wells within a one-mile radius of the site showed these wells meet state standards for drinking water. Dry Creek, which runs through a neighboring property, has not been impacted by the site. Treating contaminated soil and groundwater helped ensure these resources were protected.



**Figure 31:** A cleanup contractor uses a hand auger to take samples from the walls of the chrome-plating vaults at the Schwerin Concaves site in Walla Walla, Walla Walla County. Credit: Ecology, Cleanup Site ID 3956.

**Learn more about the cleanup happening at Schwerin Concaves:**

<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=3956>

**Read about the Toxics Cleanup Program's Cleanup Site Initiative:**

<https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-sites/Eastern-Washington>



## MTCA SUCCESS STATEWIDE

### Achieving major Corrective Action cleanups

Thanks to MTCA funding, **Ecology’s Hazardous Waste and Toxics Reduction Program** has achieved permanent cleanup actions at several sites across the state. One example achieving a successful cleanup milestone during the 2019–21 biennium is the Univar site in Kent.

In the 1990s, Ecology began investigating contamination from waste management activities and accidental chemical releases at Univar. Soil studies showed that organic chemicals and chlorinated compounds contaminated two areas of the site, as well as groundwater beneath it.

In 2007, Ecology selected the preferred cleanup activities from the Feasibility Study report, and Univar began implementing the preferred cleanup. Since then, they have been treating the contaminated areas; implementing institutional controls to assure long-term protection of human health and the environment; enacting an environmental covenant on the property; and continuing to conduct groundwater monitoring to assess the effectiveness of treatment. In 2021, Ecology determined that Univar has brought the groundwater contamination under control and the site is now ready for anticipated use.

This is just one example of Ecology’s good work with MTCA dollars. There are many other sites in various stages of successful cleanup, including International Paper, Boeing Everett, and the Port of Seattle.

**Learn more about the Hazardous Waste and Toxics Reduction Program:**

<https://ecology.wa.gov/About-us/Who-we-are/Our-Programs/Hazardous-Waste-Toxics-Reduction>



## MTCA SUCCESS IN KING COUNTY

### After cleanup excavation, the Maddux affordable housing site goes vertical

Seattle is a rapidly changing landscape as the demolition of older buildings gives way to contemporary skyscrapers, luxury apartment complexes, and multi-million dollar homes. Like so many cities across the United States and world, gentrification is hard to miss when driving through the city’s urban neighborhoods. Displacement of less economically advantaged households is often where the story ends.

The Mount Baker Properties, Maddux Site (“Maddux Site”) is an early, shining example of Ecology has used Model Toxics Control Act (MTCA) funding to support investigation and cleanup of properties to safely allow their redevelopment for affordable housing. This work helps provide opportunities for households to remain when rising prices could push them out of the community. This project was part of the Healthy Housing Remediation Program approved during the 2018 legislative session. In a unique partnership between Ecology and the Mount Baker Housing Authority (MBHA), the project will help retain affordable housing units within Seattle’s gentrifying neighborhoods, while helping Ecology further its mission to “protect, preserve, and enhance the environment for current and future generations.” Ecology provided \$6.6 million in MTCA funding to support cleanup activities at the Maddux Site redevelopment project. When completed, the project is expected to create approximately 150 new affordable housing units. The redevelopment is desirably located in Seattle’s Rainier Valley neighborhood, within easy walking distance of the Mount Baker Light Rail Station. In the process, the environment is cleaned up and made safer for the residents who live in the community.

Before construction could begin, nearly [13,000 tons of soil contaminated with tetrachloroethylene \(PCE\)](#)<sup>44</sup> was removed from the site in 2020 and early 2021. With cleanup activities substantially completed, the Maddux Site redevelopment has “gone vertical”—or in other words, is under construction. Meanwhile, in-situ chemical treatments and monitoring are still in progress to address remaining groundwater contamination. When the project is complete, we all have reasons to celebrate—good for the community, good for the residents, AND good for the environment.

**Learn more about the Toxics Cleanup Program’s affordable housing cleanups:**

<https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Brownfields/Affordable-housing>

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<sup>44</sup> <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=13054>





**Figure 32:** Construction is underway at the Mount Baker Properties Maddux Site after more than 13,000 tons of contaminated soil was removed. Ecology is partnering with Mount Baker Housing Authority to provide approximately 150 affordable housing units. Credit: K.Smith, Ecology (2021).



**Figure 33:** Two cranes tower over the Mount Baker Properties Maddux Site. The site is located in Seattle’s Rainier Valley neighborhood within easy walking distance of Franklin High School and the Mount Baker Light Rail Station. Credit: K. Smith, Ecology (2021).



## MTCA SUCCESS STATEWIDE

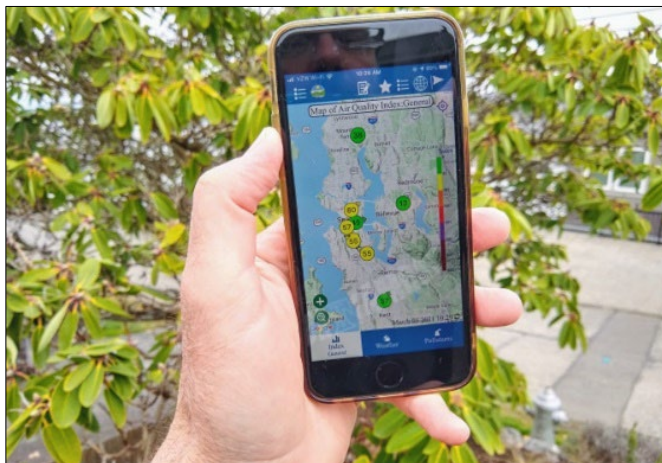
### Air quality app gives Washingtonians the tools to protect themselves from air pollution

In September 2020, nearly everyone in Washington got a painful reminder of the threat wildfire smoke poses to our health. The Labor Day fires across much of the west led to a massive cloud of smoke that blanketed all of Washington for more than a week, with record-breaking levels of particulate pollution.

During major smoke events, Ecology's **Air Quality team** works overtime to provide current air pollution readings from our [network of more than 70 monitoring stations](#)<sup>45</sup> across the state, along with smoke forecasts, analysis from our atmospheric scientists, and information on burning restrictions. In the spring of 2021, the Air Quality team used \$80,253 in Model Toxics Control Act (MTCA) funding to develop a mobile air quality app, making that critical information easier to access for mobile users.

“During the 2020 smoke storm, our air quality monitoring website received more than two million hits a day. Of those visits, more than 60 percent came from mobile devices,” said Chuck Pierce, information technology manager for Ecology’s Air Quality program. “The goal is to make the data as accessible as we can to people.”

The mobile app is available on both the Apple App Store and the Google Play Store under the title, “AirQualityWA.”



**Figure 34:** Ecology’s Air Quality WA mobile app gives users access to air quality data on the go.

<sup>45</sup> <https://enwiwa.ecology.wa.gov/home/map>

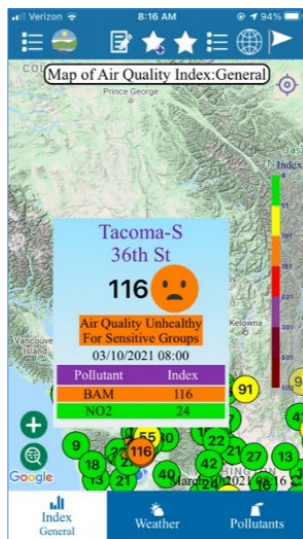
The home screen features the “dot map” of color-coded current conditions for each of the monitoring stations. While Ecology’s [full air quality monitoring map](https://enviwa.ecology.wa.gov/home/map)<sup>46</sup> can also be viewed from a mobile phone using a browser, the app loads more quickly and its display and navigation is optimized for smaller screens.

And, even though current conditions are what most people come to Ecology’s air quality maps for, the app has other features the public will find useful:

- People can choose favorites for instant access to their local monitor or one near a family member.
- There are a variety of reports available, such as 24-hour summaries, highest pollution values, and rolling averages.
- People can toggle between specific types of air pollution — fine particulate matter (or PM2.5) is the most common, and the primary concern from wildfire smoke. But Ecology also monitors for PM10 (slightly larger particulates), ozone, carbon monoxide, nitrogen oxides, and sulfur dioxide.

The app is not just for summer smoke; Ecology’s air quality monitors operate continuously. Current air quality information is also important during wintertime temperature inversions, which trap air pollution close to the earth’s surface, or if there is a local fire or other emergency that affects air quality.

**Download the Air Quality Monitoring mobile app – find links for Apple iOS and Google Android at [www.ecology.wa.gov/waqa](http://www.ecology.wa.gov/waqa)**



**Figure 35:** A screen image from the Air Quality WA mobile app.

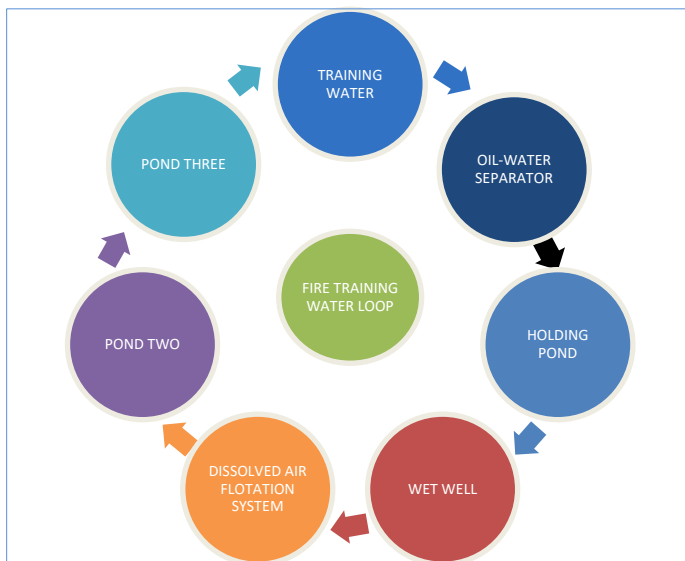
<sup>46</sup> <https://enviwa.ecology.wa.gov/home/map>



## MTCA SUCCESS STATEWIDE

### Live fuel used at Washington State Fire Training Academy

The **Washington State Fire Training Academy (FTA)** uses live fuel to produce realistic fires to train firefighters. These training fires consume both Class A (wood pallets) and Class B (Gasoline and Diesel) to create a live fire-training environment. This training generates water contaminated with fuel and burnt material. To prevent health risks and environmental damage, the water used to extinguish these fires is collected and treated onsite for reuse. The Fire Training Water Loop uses a series of water treatment processes to strip the water of contaminants as it cycles through the water treatment system.



**Figure 36:** Water that's used to extinguish fires during training is collected and treated onsite through a process called the Fire Training Water Loop.

This process is critical to the FTA and protects firefighters from exposure to contaminated water, protects our equipment, and improves the quality of water discharged to stormwater.

Funding from the MTCA accounts allows the FTA to ensure proper sampling, testing, equipment maintenance, and disposal of the flocculation produced by our treatment process. Flocculation is a process where small particles in suspension are caused to aggregate, giving large clusters (flocs) that are much more easily separated than the original particles. MTCA funding also allows the FTA services to ensure water discharged to stormwater is monitored and in compliance with FTA National Pollutant Discharge Elimination System measurements.

**Learn more about the Fire Training Academy's work to protect our state:**  
<https://www.wsp.wa.gov/fire-training-academy/>



## MTCA SUCCESS IN CLALLAM COUNTY

### Big cleanup of contaminated sediment in western Port Angeles Harbor



**Figure 37:** Sediment cleanup of western Port Angeles Harbor with the lagoon in the foreground. Port Angeles, Clallam County. Credit: unknown. Cleanup Site ID 11907.

Port Angeles Harbor is an important cultural area in the traditional territory of the Lower Elwha Klallam Tribe. In the last century, timber processing and other developments resulted in today's busy industrial and shipping harbor.

Unfortunately, some historic industries, including sawmills, plywood manufacturing, and pulp and paper production, contaminated the harbor. For example, contaminated stormwater was discharged into the harbor. Some industries generated liquid waste and released it directly into the harbor and lagoon. Pulp and lumber mills burned salt-laden wood debris as fuel, forming hazardous substances like dioxins that rose up through smoke stacks and settled out onto marine sediments. These hazardous substances in the harbor pose risks for both human health and the environment.

In 2008, under the Puget Sound Initiative, we identified Port Angeles Harbor as a priority for environmental cleanup. Ecology launched an investigation to identify sources of contamination in the entire harbor. As a result of this study, we found areas of contamination, identified potential sources in the western portion of the Port Angeles Harbor, and began the cleanup process.

In 2013, we signed a legal agreement with the potentially liable persons (PLPs), including the Port, the City of Port Angeles, Georgia-Pacific LLC, Nippon Paper Industries USA Co. Ltd., and

Merrill & Ring, to investigate and consider ways to clean up contaminated sediments. During the planning phases, we regularly consulted with the Lower Elwha Klallam Tribe.

The PLPs worked together on this large-scale project, which covers about 2,000 acres of the harbor, and completed the remedial investigation and feasibility study in 2020. To assist with this phase of sediment cleanup, Ecology granted the City of Port Angeles a \$400,000 Remedial Action Grant.

The western Port Angeles Harbor sediment cleanup will be one of the largest in Ecology’s history. Contaminated sediments above state cleanup levels were found in approximately 1,160 acres, an area we now refer to as the “Western Harbor Sediment Cleanup Unit.” Other parts of the harbor are being addressed under separate cleanups.

Cleanup of western Port Angeles Harbor will likely require excavation of intertidal sediment and nearshore soils and placing clean sand and gravel on the harbor sea bottom to cap contaminated sediment or enhance natural recovery. Once cleanup starts, removal and placement of this large amount of material will take about six years to complete. We do not expect this process to result in any net loss of aquatic habitat.



**Figure 38:** Photo at left: View of Port Angeles Harbor from Ediz Hook, Clallam County, WA. Credit: Connie Groven, Ecology (January 2008). Cleanup Site ID 11907.

**Figure 39:** Map at right: Port Angeles Harbor Sediment Cleanup Unit, Port Angeles, WA. Cleanup Site ID 11907.

**Learn more about the sediment cleanup of western Port Angeles Harbor:**

<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=11907>



**Figure 40:** Harbor shoreline looking west from the marina, Port Angeles, Clallam County, WA. Credit: Connie Groven, Ecology (January 2008). Cleanup Site ID: 11907.



**Figure 41:** Heron at Valley Creek Estuary Park, Port Angeles, Clallam County, WA. Credit: Connie Groven, Ecology (September 2016). Cleanup Site ID: 11907.



## MTCA SUCCESS STATEWIDE

### Preventing oil spills during a pandemic

When Washington legislators passed the Oil and Hazardous Substance Spills Act (2SHB 2494) during the 1990 legislative session, they noted that “prevention is the best method to protect the unique and special marine environments in this state.” In 2004, legislators emphasized the importance of prevention by codifying the goal of a “zero spills strategy” in SSB 6641.

Washington’s **Spill Prevention team** inspects vessels, facilities, and oil transfers as a key part of this strategy. Prevention inspectors reduce oil spill risks by routinely assessing the condition and compliance of oil refineries and large oil terminals, inspecting regulated oil transfers over state waters, and determining substantial threats of oil spills from commercial vessels. After the 2020 Supplemental Budget, the Model Toxics Control Operating Account funded 60 percent of this work. In the 2021–23 Biennium, the MTCA Operating Account will support 70 percent of the state’s spill prevention efforts.



**Figure 42:** Remote visual monitoring by inspector Scott Wurster of the container ship ONE AQUILA inbound to Tacoma with collapsed containers

Starting in January 2020, prevention inspection teams began planning and adapting as novel coronavirus began appearing in the U.S. Before the first case reached Washington, prevention inspectors had already adopted Centers for Disease Control (CDC) guidance, adjusted their inspection protocols, and increased safety measures. They coordinated with industry and the Coast Guard as new information became available, and rapidly modified their process to stay ahead of changing conditions. When Ecology suspended fieldwork, the inspection teams didn’t shut down their operations. They focused their time on improving processes and checklists and brainstorming ways to achieve prevention objectives under new conditions.

Before agency fieldwork resumed, Prevention Inspectors safely planned and completed a high-priority inspection of an oil terminal in Edmonds, providing critical information about the status of this facility to the Spills Program, Hazardous Waste and Toxics Reduction Program, and the Toxics Cleanup Program, ensuring a One Ecology approach to a unique situation.

When fieldwork resumed, Prevention Inspectors were in the vanguard. Facilities engineers implemented a new, two-part inspection sequence that allowed them to review documents and manuals remotely, followed by an outside, socially distanced inspection of the physical condition of Class 1 refineries and terminals. Oil transfer inspectors collaborated to develop a remote observation method, allowing them to see key elements of high-volume transfers of crude oil,



gasoline, and other refined products, while keeping themselves and industry workers safe. Vessel inspectors launched a new screening process to communicate with arriving vessels by email, review certificates and vessel procedures, and provide spill prevention information specific to Washington waters.

Throughout this time, the inspection teams have increased communication and collaboration both internally and with our partners, ensuring engagement by team members during times of unprecedented challenges.

In 2020, Prevention Inspectors reduced oil spill risks by completing 100 percent of annual Class 1 facility inspections, 210 in-person oil transfer inspections, 449 remote oil transfer inspections, and 127 vessel substantial risk screenings. In 2021, as of May, inspectors have completed 117 substantial risk screenings, nine ECO PRO Certifications, 369 remote oil transfer inspections, 51 in-person oil transfer inspections, and 15 Class 4 facility inspections. Not only have these innovations resulted in remarkable achievements in a year like no other, the team has identified new procedures that will continue to optimize spill prevention in the years to come.

**Learn more about the Spills Program COVID-19 response:**

<https://ecology.wa.gov/Spills-Cleanup/Spills/Covid-19-Spills>



**Figure 43:** Remote visual inspection of a transfer at anchor at Smith Cove East from a vantage point on Pier 90. Spills inspector Peter Caron noted important prevention measures were in place as required by Washington’s oil transfer rules: a containment boom was in place around the ship and barge, the ship’s gangway was deployed for access to the barge, and the hose was well-supported with the barge’s crane. Credit: Ecology



## MTCA SUCCESS IN WASHINGTON WATERS

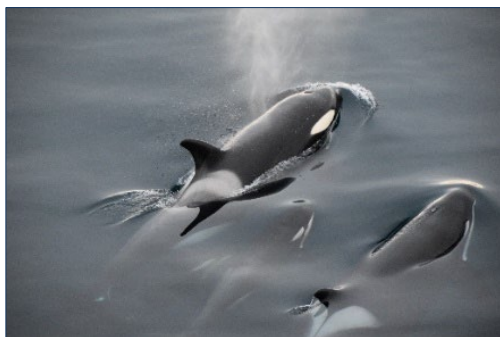
### Modeling oil spill risks

In March 2018, Governor Inslee established the Southern Resident Killer Whale Task Force to develop a recovery plan for Puget Sound’s endangered resident orcas. Puget Sound’s unique geography and bathymetry increases the risk of oil spills, and the Task Force recognized the impact that a catastrophic oil spill could have on orca recovery. [ESHB 1578](#)<sup>47</sup> (Reducing threats to southern resident killer whales by improving the safety of oil transportation), which passed in 2019, addresses these concerns and was part of the Governor’s budget priorities for orca recovery in the 2019–21 biennium.

This law uses the MTCA Operating Account to fund a portfolio of projects aimed at preventing a catastrophic oil spill in Puget Sound, by closing safety gaps related to vessels carrying oil in bulk. The projects take place over a six-year period that ends December 31, 2025. One of the projects required by the law is to build a model to simulate vessel traffic and oil spill risks. It also requires Ecology and the Board of Pilotage Commissioners to complete an analysis by September 1, 2023, on the use of escort tugs using this model. The results of this analysis will support required rulemaking by the Board of Pilotage Commissioners.

The risk model project development kicked off in June 2020 and is scheduled to conclude early in 2022. The completed model will then be deployed for the emergency response towing vessel and escort tug analyses.

Ecology’s model development team has performed extensive outreach and research and has collected voluminous data, such as local waterway conditions; the types and characteristics of vessels involved; any associated accidents, such as grounding or collisions, and the volume of oil spilled. By finding relationships and patterns between all of the inputs, the modelers will



develop a tool that can quantify the risk of oil spills under specific conditions.

This model and subsequent analysis will be a long-term resource in preventing oil spills and setting a foundation for modeling spill risk for other forms of oil transportation, such as rail and pipeline.

**Figure 44:** Orca whales.  
Credit Nitesh Jain on Unsplash.com (2020)

<sup>47</sup> <https://lawfilesexternal.wa.gov/biennium/2019-20/Pdf/Bills/Session%20Laws/House/1578-S.SL.pdf?q=20210623153148>

The team has been working with the U.S. Coast Guard, tribal nations, researchers and experts in the field of model development and oil spill planning, state agencies, and stakeholders to share assumptions and gather feedback. The model will consist of four distinct modules, each requiring extensive outreach, research, data collection and analysis, and original formula development. The four modules are:

- Vessel Movement – this module will model how vessels move in different parts of Puget Sound, based on water and weather conditions, type of vessel, and specific characteristics of the vessel.
- Vessel Encounters – this module will model vessel movements in relation to other vessels and the shore.
- Vessel Accidents – this model will evaluate risks for different types of vessel accidents based on specific conditions.
- Oil Outflow – this model will estimate spills from simulated accidents.

The team is currently working on the vessel accidents module.

**Learn more about Spills Program risk modeling work to date, previous presentations, and upcoming webinars:**

<https://ecology.wa.gov/Spills-Cleanup/Spills/Oil-spill-prevention/Safety-of-Oil-Transportation-Act/Risk-model>



## MTCA SUCCESS IN KITSAP COUNTY

### Stormwater infrastructure protects Oyster Bay and commercial shellfish

New stormwater infrastructure installed by the City of Bremerton in Kitsap County is preventing more than 5,500 pounds of pollution from entering Oyster Bay each year. The city's stormwater project is an integral part of a coordinated regional effort to reopen commercial shellfish harvesting.

The Marine Drive basin in Bremerton consists of mixed residential and commercial use areas. Stormwater runoff is carried to the Marine Drive outfall into Oyster Bay through a system of ditches, catch basins, and stormwater pipes. Concerns include pollutants running off roadways, roofs, and landscapes that contain petroleum products like polycyclic aromatic hydrocarbons (PAHs), metals, fertilizers, pesticides, and fecal coliform bacteria. Oyster Bay is included in the fecal coliform Total Maximum Daily Load (TMDL) plan for the Sinclair and Dyes inlets. This is a big concern because fecal coliform bacteria can contaminate shellfish beds and lead to closures.

Financial support from the **Stormwater Financial Assistance Program** helped the city install three modular wetlands units (these prevent roadway pollutants from harming salmon and shellfish beds by filtering out pollutants that wash off the surface of Marine Drive before they are carried to the bay). Funding also helped the city install one unit on Kitsap Way and a 250-foot stormwater infiltration trench along Marine Drive. These best management practices (BMPs) remove stormwater pollutants – including copper, zinc, petroleum hydrocarbons, phosphorous, and nitrogen – from more than 35 acres of urban development in East Bremerton near Highway 3. This project is considered a retrofit project because it brings stormwater treatment to an already-developed area. Retrofit projects can be challenging because of having to fit into limited space, but they are critical to protecting water quality, especially in urban areas.

The city is committed to ensuring the newly-installed BMPs function as designed and protect water quality so they can continue to protect Oyster Bay for years to come.

#### Learn more about Water Quality Program's Stormwater Financial Assistance Program (SFAP) and other grants and loans:

<https://ecology.wa.gov/About-us/Payments-contracts-grants/Grants-loans/Find-a-grant-or-loan/Water-Quality-grants-and-loans>



**Figure 45:** At left, workers install bypass piping between modular wetlands units on Marine Drive in the City of Bremerton, Kitsap County WA. At right, the newly installed underground modular wetlands units prevent roadway pollutants from harming salmon and shellfish beds in Oyster Bay in Kitsap County, WA. Credit: Ecology (2019)



## MTCA SUCCESS STATEWIDE

**PPGs serve more overburdened communities than ever before, thanks to increased focus on environmental justice**

**Public Participation Grants (PPG)** facilitate public participation during the investigation and remediation of contaminated sites. They also facilitate implementation of the state’s solid and hazardous waste management priorities. Funding for these grants comes from the MTCA Operating Account. Grant amounts can be up to \$120,000 a biennium and are available to not-for-profit organizations and individuals. The PPG program continues to strengthen eligibility criteria to favor organizations and projects that focus on outreach to overburdened communities, including:

- Projects focused on highly impacted communities, as determined by their [Washington Tracking Network Environmental Health Disparity Index](#)<sup>48</sup> ranking.
- Projects focused on public participation in low-income and/or limited English speaking populations.
- Projects from organizations that have not received PPG funding in the last two biennia.

The following four projects benefitted from these enhanced environmental justice criteria.

### 1. Hanford education and outreach with Yakama Nation

The Columbia Riverkeepers partnered with the Yakama Nation and the Yakama Nation Tribal School to educate and encourage people on the Yakama Reservation and Treaty territory to engage in Hanford cleanup decisions.

### 2. Refugee and immigrant fishing communities environmental education

The Refugee Federation Service Center conducted multi-language environmental education workshops for immigrant and refugee fishing communities in South Seattle, West Seattle, and South King County. Community members provided input on Washington state’s Toxics in Fish strategies and learned about actions they can take to reduce toxics impacting the environment and the health of their community.

### 3. Reducing exposure to pesticides in farmworkers and refugee communities

The Community Health Worker Coalition for Migrants and Refugees trained community leaders to deliver community workshops on ways to avoid pesticide exposure and waste. The project goal was to reduce the exposure to pesticides for migrants, seasonal farmworkers, landscapers, and refugee communities.

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<sup>48</sup> <https://www.doh.wa.gov/DataandStatisticalReports/WashingtonTrackingNetworkWTN>

#### 4. Waste-4-Purpose

Mother Africa, an organization that advances racial equity by supporting African refugee and immigrant women and their families, educated its community about composting food and yard waste by engaging in an on-site program at the Living Well Kent greenhouse in Auburn. Mother Africa constructed a composting project at the greenhouse to take food and yard waste and to serve as an educational site for composting.

**Learn more about Public Participation Grants, including application periods and eligibility:**

<https://ecology.wa.gov/About-us/Payments-contracts-grants/Grants-loans/Find-a-grant-or-loan/Public-participation-grants>



## MTCA SUCCESS IN MASON COUNTY

### Cleaning up the Shelton C Street Landfill



**Figure 46:** Toxics Cleanup Program's Rebecca Lawson addresses a large crowd of concerned residents about the Shelton C Street Landfill during a public meeting in Shelton, WA, February 10, 2016. Credit [IFIBER One News](https://www.ifiberone.com/news/masoncounty/ecology-officials-c-street-landfill-clean-up-project-could-take-years/article_436126ac-d02b-11e5-9e33-9b4f536d77d3.html) <sup>49</sup>(Cleanup Site ID [2295](https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=2295)).<sup>50</sup>

The City of Shelton is a small and growing town on the shores of Oakland Bay at the south end of Puget Sound in Mason County. The City has a long history of timber harvest, wood products manufacturing, and shellfish farming. Development projects in and around Shelton are attracting more people to the area, highlighting public interest in cleaning up toxic contamination from past industrial practices.

The Shelton C Street Landfill is a 16.7-acre property that received solid waste between about 1928 and the mid-1980s. Before 1928, the property was privately owned and mined for sand and gravel. The City of Shelton purchased the property and began operating the landfill in 1928. Between 1973 and the mid-1980s, while under City ownership, the landfill accepted processed sludge from the city's wastewater treatment plant. The sludge contained fly-ash material from a wood-burning, boiler power plant at the Simpson Timber Company timber mill in Shelton.

In August 1973, the U.S. Environmental Protection Agency (EPA) inspected the landfill and raised concerns about air pollution from open burning of waste. Attention heightened after

<sup>49</sup> [https://www.ifiberone.com/news/masoncounty/ecology-officials-c-street-landfill-clean-up-project-could-take-years/article\\_436126ac-d02b-11e5-9e33-9b4f536d77d3.html](https://www.ifiberone.com/news/masoncounty/ecology-officials-c-street-landfill-clean-up-project-could-take-years/article_436126ac-d02b-11e5-9e33-9b4f536d77d3.html)

<sup>50</sup> <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=2295>



EPA's 1986 study revealed dioxins in the landfill from the deposited ash of the Simpson mill power plant.

Ecology conducted a Site Hazard Assessment at the landfill in 2014 and found carcinogenic polycyclic aromatic hydrocarbon (cPAHs), dioxins/furans, and metals in surface soil; and arsenic, iron, and manganese in groundwater. The City of Shelton and Ecology entered into a legal agreement to clean up the site in 2016. Ecology is providing Remedial Action Grant funding to the City to support the cleanup.

Cleanup at the Shelton C Street Landfill includes capping contamination with soil and installing a barrier under the entire landfill. The soil cap will be constructed using a two-foot layer of clean cover material and one-foot-thick vegetative layer. An environmental covenant on the property requires fencing, signage, yearly physical inspection, and groundwater monitoring.

Future use of the site is uncertain, but it is currently zoned public institutional, and the surrounding area is zoned industrial. A large development is planned near the Shelton C Street Landfill and another cleanup site, Goose Lake. The City supports completing the development, so cleaning up these sites is a top priority.

**Search our What's in My Neighborhood app for contaminated cleanups near you:**

<https://apps.ecology.wa.gov/neighborhood/>

**Find public meetings and comment periods on Ecology's Event Listing:**

<https://ecology.wa.gov/Events/Search/Listing>



**Figure 47:** Current site conditions at the Shelton C Street Landfill owned by the City of Shelton in Mason County, Washington. Cleanup Site ID 2295. Credit: Ecology (2021)



## MTCA SUCCESS IN SNOHOMISH COUNTY

### Bay Wood cleanup delivers benefits to community and environment

Visitors with a keen eye can see that the Bay Wood Products cleanup site, at the mouth of the Snohomish River in Everett, isn't a typical environmental cleanup project. The site was contaminated during its historic sawmill days, and left abandoned for decades. Project partners, including the Port of Everett, the Tulalip Tribes, Ecology, and the site's future developers, worked together to design a project that improves wildlife habitat, provides public access, and brings jobs back to the community, all while meeting Washington's cleanup standards.

Ecology's **Remedial Action Grant program** contributed most of the project's funding. These grants support local governments conducting environmental cleanups across Washington state. While a 50/50 match is typical for Oversight Remedial Action Grants, Ecology contributed 90% of this project's funding in the interest of supporting critical salmon habitat and recreational use for the public, and recognizing the site's historical significance to the Tulalip Tribes.



**Figure 48, at left.** Native plantings and large woody debris provide wildlife habitat along the shoreline at the Bay Wood Products site near Everett in Snohomish County. **Figure 49, at right.** Field crews regrading the shoreline during sunset. Cleanup Site ID 2581. Credit: Port of Everett (2021)

Over the winter of 2020 and spring of 2021 – through some of the worst months of the COVID-19 pandemic – project partners kept work steadily moving forward. This partial cleanup, called an interim action, was the second round of cleanup work conducted at the Bay Wood site. The work included:

- 1,300 linear feet of shoreline restoration, including grading the slope of the shoreline to mimic more natural conditions, and planting native plants.
- 2,300 linear feet of habitat restoration in the upland shoreline buffer.
- Removing about 1,000 cubic yards of contaminated soil and about 5,000 tons of industrial debris.

This cleanup work prepared the Bay Wood site for future development including industrial infrastructure and public access. The Port of Everett estimates redevelopment at the site – a 235,000 square foot job center that’s under construction as of this writing – will bring at least 300 jobs to the region.

Today, large stumps and logs that are good salmon habitat, a carefully graded shoreline, and thousands of native plants illustrate the project’s focus on habitat restoration alongside environmental cleanup and redevelopment.

**Learn more about the Bay Wood Products site:**

<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=2581>

**Explore our Remedial Action Grant Program, including eligibility and how to apply:**

<https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Oversight-remedial-action-grants-loans>



**Figure 50** Before and after regrading the shoreline and installing habitat enhancements. Photo credit: Port of Everett Bay Wood Products site near Everett in Snohomish County. Cleanup Site ID 2581 (2019 and 2021)



## MTCA SUCCESS STATEWIDE

### Biochar research brings insights that support regional development of woody waste recovery

Washington residents generate an estimated 1,200 to 1,350 pounds of organic waste per person per year, and nearly half of that is disposed of in landfills. Meanwhile, unchecked growth of trees and underbrush on some of Washington's forest lands adds to the risk of catastrophic forest fires. These materials are vastly underutilized resources that, if effectively recovered and processed, could generate sustainable products and energy, help address climate issues, and contribute to the growth of Washington's economy.

For the last 15 years, the Department of Ecology has used Model Toxics Control Act (MTCA) funding to partner with researchers at **Washington State University (WSU)** to investigate how organic wastes can be processed into energy and other valuable commodities. One component of this research has focused on the production of biochar. Through a process known as pyrolysis - or carbonization - carbon-rich biochar is produced by heating biomass under high temperature (300-600 °C) and low-oxygen conditions. This creates a porous and stable solid with myriad uses.

Biochar production and use offers several exciting possibilities for Washington. First, using biochar as a soil amendment helps store more carbon in soils, offsetting some of the impacts of climate change. If technical feasibility is the only consideration, then biochar generated from crop residues, forestry residues, and waste wood, that is applied to the state's agricultural croplands could offset between 9 to 20 percent of total statewide greenhouse gas emissions, depending on timber-harvest levels. While actual offsets would be lower than this range because not all uses are economically feasible, the analysis suggests that ongoing work to improve biochar economics and performance is worth the effort.

Applying biochar to agricultural soils is also appealing because it improves soil health. Biochar properties are variable and depend largely on feedstock and production variables, like temperature. Designing biochars with desirable properties for specific applications is an important pathway for economically viable production.

Over the years of the partnership between Ecology and WSU, biochar has grown from a research concept to a small but vibrant industry, with approximately 20 producers and distributors of biochar in Washington and Oregon. WSU researchers have been available through this process to provide advice and insight when needed and to explore new production methods and uses that could drive marketability. Given the growth of biochar practitioners in the region, in 2020, Ecology and WSU convened a workshop of individuals from industry, non-governmental organizations, government, and research institutions. Participants formed new collaborations and developed a roadmap to ensure continued exchange of ideas between researchers and practitioners, and progress from research concepts toward more widespread adoption.



## MTCA SUCCESS ALONG THE DUWAMISH

### Multi-agency partnerships create win-win for cleanup in Lower Duwamish Waterway

A hundred years of industrial activity in south Seattle has left its mark on the Lower Duwamish Waterway (LDW), the lowest 5.5-mile reach of the Duwamish River before it enters Elliott Bay. With high concentrations of numerous contaminants finding their way into the sediment of the river, the U.S. Environmental Protection Agency (EPA) designated the LDW as a Superfund Site in 2001. In addition to its long history, approximately 32 square miles of runoff drain into the LDW, which contains approximately 300 identified contaminated sites and 228 active outfalls. At this scale and complexity, the work of tracing contaminants back to their source is, by any measure, a daunting task. EPA is scheduled to start cleanup of contaminated river sediments around 2024; however, unless the sources of contamination are controlled ahead of EPA's sediment cleanup, there is risk that recontamination could occur. It is Ecology's responsibility to ensure that sources of contamination are controlled prior to EPA's cleanup to minimize recontamination.

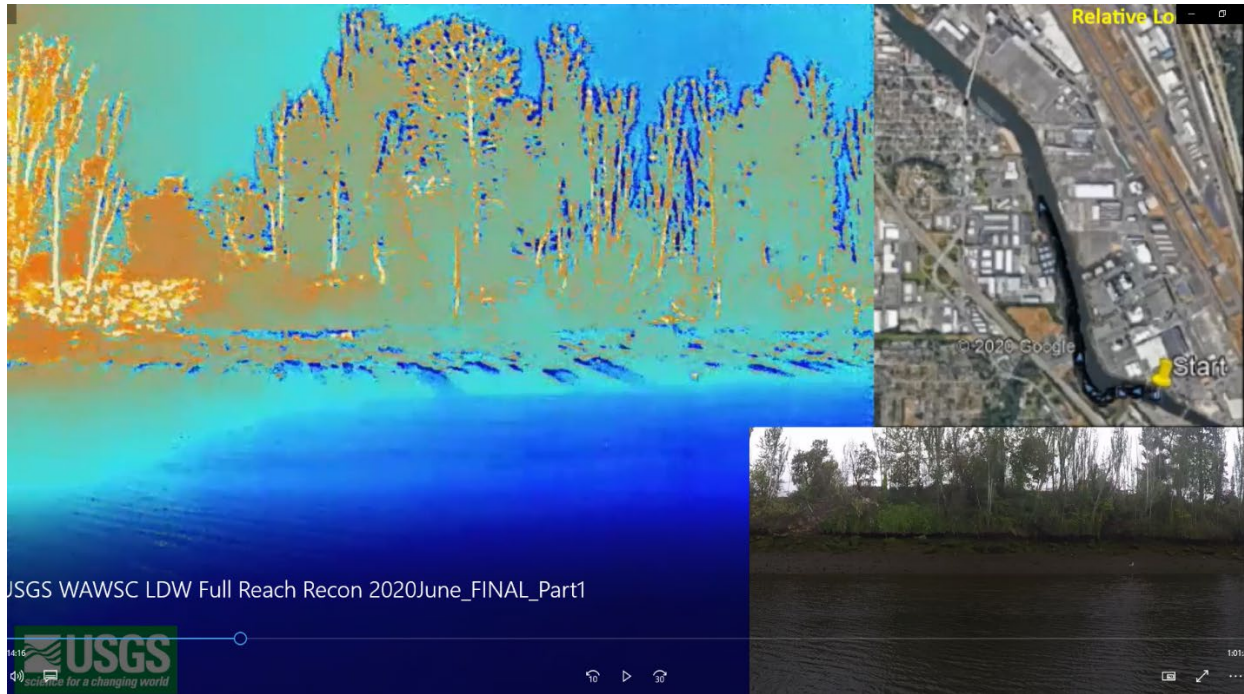
In late 2019, Ecology partnered with the National Oceanic and Atmospheric Administration (NOAA) to analyze a suite of contaminants in 168 sediment samples NOAA had previously collected from the river bottom. Through the partnership, this analysis is helping Ecology identify, with greater resolution, the locations, concentration levels, and extent of existing contamination. This data will further assist EPA in targeting their in-water cleanup efforts.

In mid-2020, Ecology entered into an agreement with the U.S. Geological Survey (USGS) to video the entire LDW with infrared cameras at low tide. This video imagery is helping Ecology identify where groundwater is seeping into the river. By doing so, Ecology can strategically establish Points of Compliance or key monitoring locations where recontamination is most likely to occur.

In true win-win fashion, these federal-state partnerships provide valuable information needed by each agency, while offering significant cost efficiencies by leveraging shared resources. When we focus on shared goals and values, everyone wins. Cleanup efforts in the LDW are no exception.

**Learn more about the Lower Duwamish Waterway Superfund site:**

<https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-sites/Lower-Duwamish-Waterway>



**Figure 51:** The U.S. Geological Survey used videos, infrared cameras, and aerial photography as part of a study to help Ecology identify where groundwater enters the Lower Duwamish Waterway (LDW), one critical piece in understanding the sources of sediment contamination.



## MTCA SUCCESS IN CENTRAL WASHINGTON

### A hot and steamy path to cleaner air

Smoke – whether it comes from wildfires, wood stoves, or burn piles – is a major threat to public health in Washington. And fighting that smoke can take many forms, like extinguishing fires and supporting cleaner stoves.

Fighting smoke is what Okanogan County’s Solid Waste Department is doing, with help from grants funded by the Model Toxics Control Act (MTCA) accounts.

During the 2019–21 biennium, Ecology passed through \$82,000 in MTCA-funded grants to several Washington communities, helping local fire districts and county governments purchase wood chippers. Chipping tree limbs, slash, brush, and other green waste is safer than burning the material – both protecting air quality and reducing the risk of an out-of-control fire.

However, in parts of Washington, a pest called the apple maggot threatens Washington’s iconic apple orchards, and officials have placed strict limits on transporting homegrown fruit or tree limbs to prevent the spread of the pest. Because Okanogan County includes areas in both the [quarantine zone](#)<sup>51</sup> and the pest-free area, that makes collecting green waste a challenge.

To protect apple growers and air quality in his community, Okanogan County Solid Waste Manager Kent Kovalenko came up with a plan. By installing a wood chipper and building an industrial-sized steam treatment unit at the county’s Twisp transfer station (which is inside the quarantine area), he could collect green waste, chip it, steam it to kill any fly maggots, then safely transport it to the county landfill near Okanogan (in the pest-free zone).

It was an ingenious solution to a tricky problem.

Kovalenko worked with Sanjay Barik, Ecology’s Air Quality manager for the central Washington region, to secure funding for the equipment, which was then certified by the Washington State Department of Agriculture to ensure it was doing its job in killing the maggots.

“It feels really good to help Washington communities find creative and effective ways to improve air quality,” Barik said. “Reducing smoke and also protecting our state’s agricultural industry gives us a really great return on our investment.”

**Learn more about Ecology’s guidance for outdoor, residential, and agricultural burning:**  
<https://ecology.wa.gov/Air-Climate/Air-quality/Smoke-fire>

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<sup>51</sup> <https://agr.wa.gov/departments/insects-pests-and-weeds/insects/apple-maggot/quarantine>



**Figure 52:** Okanogan County Solid Waste Manager Kent Kovalenko shows off the wood chipper the county uses to reduce the need to burn slash and green waste. Credit: Ecology (2019)



**Figure 53:** Ecology has helped several local governments, including the Lake Wenatchee Fire and Rescue District shown here, purchase wood chippers as an alternative to burning limbs, slash and green waste. Credit: Ecology (2019)





## MTCA SUCCESS STATEWIDE

### Bridges of a different sort: Connecting people and information

Some of the more familiar faces of the **Toxics Cleanup Program** might be our cleanup project managers, environmental specialists, and underground storage tank inspectors who work with owners and cleanup partners in the field. But there's another group of experts working quietly behind the scenes who have an equally crucial job: getting information into your hands.

This is a diverse group of professionals. It includes GIS specialists, IT developers, and database coordinators; grant managers and financial experts; rule writers and rule team members; communications, outreach, and administrative professionals; toxicologists, brownfields, planners, and policy experts... all of them working together to strengthen the frameworks that make cleanups possible. Despite telecommuting challenges brought on by COVID-19, this group kept cleanups moving forward by bridging people with critical information. For example:

**Financial Services' grant managers** and the **Brownfields Team** are experts who work directly with local governments and small or rural community leaders. Grant managers help people navigate grant and loan funding, and keep deliverables on track so cleanups can keep moving forward. The Brownfields Team is a small group of cleanup project managers, hydrogeologists, engineers, and planners who connect people with resources such as [Integrated Planning Grants](#),<sup>52</sup> funding, and technical assistance, so communities can put formerly contaminated properties back into use. During the 2019–21 biennium, these teams developed [remedial action grant guidance](#)<sup>53</sup> to help local governments apply for cleanup funding and provide safe drinking water for their communities, and [guidance for implementing the Legislature's new permit condition](#)<sup>54</sup> so local governments can keep their cleanup projects moving forward. The Brownfields' webpage now features [success stories](#)<sup>55</sup> to inspire communities that are looking to redevelop their sites.



**Figure 54:** An Integrated Planning Grant awarded in 2014 galvanized the cleanup of an historical property in Sedro-Woolley that's now underway. Public participation and an Ecology remedial action grant during the 2019–21 biennium are helping the Skagit Valley community remove harmful contaminants from the soil and groundwater, and reimagine the multi-use site. (Ecology, CSID [10048](#))

<sup>52</sup> <https://ecology.wa.gov/About-us/Payments-contracts-grants/Grants-loans/Find-a-grant-or-loan/Integrated-planning-grants>

<sup>53</sup> <https://apps.ecology.wa.gov/publications/summarypages/2009055.html>

<sup>54</sup> <https://apps.ecology.wa.gov/publications/SummaryPages/2009054.html>

<sup>55</sup> <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Brownfields/Why-redevelop-brownfields>

Through public meetings, fact sheets, photos, and videos, **TCP’s communication, planning, and outreach professionals** connected people with information, telling just some of the hundreds of cleanup stories happening across Washington like...

- [Asbestos danger and flood control at Swift Creek](#)<sup>56</sup> in collaboration with Whatcom County and [Bellingham Bay’s 12 cleanups](#)<sup>57</sup> along Bellingham’s waterways.
- [Pasco Landfill cleanup](#)<sup>58</sup> in Franklin County, where 35,000 drums of buried hazardous waste are being removed.
- [Port Angeles Rayonier Mill cleanup](#)<sup>59</sup> underway at a former pulp mill in Clallam County.
- [Lower Duwamish Waterway’s multiple cleanups](#)<sup>60</sup> happening in King County.
- [Final recommendations from the Legacy Pesticide Working Group](#)<sup>61</sup> that address contamination in orchards throughout central Washington.

**IT developers and GIS experts** built databases and enhanced apps that connect people with information about Washington’s 13,700+ contaminated sites, including [Cleanup and Tank Search \(CATS\)](#),<sup>62</sup> with 11 customizable reports to stay informed about cleanup sites and underground storage tanks. The team also refined the [Regulated Underground Storage Tanks list in CATS](#),<sup>63</sup> so you can sort by the substance stored in each tank (such as aviation fuel or antifreeze) and active vs. inactive sites.

**Toxicologists, engineers, and policy experts** developed guidance and worked closely with stakeholders to help cleanups progress efficiently, such as:

- Refining guidance for vapor intrusion and diesel-range organics at sites, so people know how to clean up these kinds of contamination.
- Launching the [Expedited Voluntary Cleanup Program \(VCP\)](#)<sup>64</sup> in July 2020 which enables Ecology to respond within predictable timeframes to the needs of developers who are working under compressed schedules. The new Expedited VCP process is self-funding and won’t divert staff from reviewing independent cleanups under our existing [Standard VCP](#)<sup>65</sup> process. We worked with the real-estate development

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<sup>56</sup> <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Sediment-cleanups/SwiftCreek>

<sup>57</sup> <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-sites/Puget-Sound/Bellingham-Bay>

<sup>58</sup> <https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=1910>

<sup>59</sup> <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-sites/Rayonier-Mill-cleanup>

<sup>60</sup> <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-sites/Lower-Duwamish-Waterway>

<sup>61</sup> <https://ecology.wa.gov/Blog/Posts/May-2021/Legacy-Pesticide-Group-Final-Report>

<sup>62</sup> <https://apps.ecology.wa.gov/cleanupsearch/>

<sup>63</sup> <https://apps.ecology.wa.gov/cleanupsearch/reports/ust>

<sup>64</sup> <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Voluntary-Cleanup-Program/VCP-Expedited>

<sup>65</sup> <https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Voluntary-Cleanup-Program>

community and interested legislators to develop legislation authorizing the new program, which the Legislature approved in 2019 ([SHB 1290](#)).<sup>66</sup>

**The MTCA Cleanup Rule team** and [Stakeholder & Tribal Advisory Group](#)<sup>67</sup> continued their complex, critical work to update a rule that hasn't been updated in more than 20 years. The [MTCA Cleanup Rule](#)<sup>68</sup> comprises more than 200 pages of regulations that implement the Model Toxics Control Act. We're updating it through several planned rulemakings, and the [first rulemaking](#)<sup>69</sup> (which focuses on the cleanup process, not cleanup standards) is on track to be released for public comment in 2022.

In a separate but parallel process, we continued developing the new **SHARP Tool (Site Hazard and Ranking Process)** to replace the Washington Ranking Method (WARM). The tool will improve our ability to assess and communicate threats posed by contaminated sites and prioritize our work to respond to those threats. The new SHARP Tool is slated to roll out for public comment with the proposed rule in 2022.

**Learn about more Toxics Cleanup Program projects like these:**

<https://ecology.wa.gov/About-us/Who-we-are/Our-Programs/Toxics-Cleanup>

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<sup>66</sup> <https://app.leg.wa.gov/billsummary?BillNumber=1290&Chamber=House&Year=2019>

<sup>67</sup> [https://www.ezview.wa.gov/site/alias\\_\\_1988/37514/overview.aspx](https://www.ezview.wa.gov/site/alias__1988/37514/overview.aspx)

<sup>68</sup> <https://apps.leg.wa.gov/WAC/default.aspx?cite=173-340>

<sup>69</sup> <https://ecology.wa.gov/Regulations-Permits/Laws-rules-rulemaking/Rulemaking/WAC-173-340>



## MTCA SUCCESS IN CHELAN COUNTY

### Railroad Creek cleanup on track

Ecology's **Environmental Assessment Program** has recorded improvements in stream biology and habitat at Railroad Creek following remediation efforts at Holden Mine in Chelan County.

Railroad Creek flows from the eastern slope of the North Cascades into Lake Chelan. Runoff from the Holden Mine site has degraded water quality and stream biology over the past several decades. Our scientists study how the mine cleanup work affects aquatic life over time.

We're measuring watershed health by sampling stream biology, water, and sediment, as well as making physical habitat measurements.

By working upstream and downstream from the mine as well as at the mine site, we can see the stream's health change as it moves from the pristine upper watershed, through the mine clean-up area, and onward to Lake Chelan.

We used a standardized monitoring approach to measure how Railroad Creek responds over time to cleanup efforts.

Mine operators developed 57 miles of underground workings and generated 8.5 million tons of tailings that they placed in piles covering 90-acres along Railroad Creek.

This resulted in acid mine drainage to surface and groundwater. Mine portal drainage, seeps, and upwelling groundwater released metals and acidity into the environment.



**Figure 55:** Scientists from Ecology's Watershed Health and Effectiveness Monitoring Team sample water and habitat in Railroad Creek near Holden Mine in Chelan County, WA. Credit: Ecology (2019)



**Figure 56:** Historical photo of Holden Mine. Credit and date unknown.

The affected site includes the 125-acre mining operation, a 10-mile segment of Railroad Creek downstream of the mine, and an estimated 10-acre area of Lake Chelan sediments where Railroad Creek flows into the lake.

Cleanup at Holden Mine began in 2013. The main components of the remediation include preventing clean surface water from coming into contact with contaminated soil and groundwater and treatment of contaminated groundwater.

Based on state thresholds for Benthic Index of Biotic Integrity (BIBI) scores, stream biological health remained strong upstream of the mine, but varied more near the mine and downstream. Our most recent field collection event ended in September 2019. Stream biological health has improved since 2015.

BIBI scores indicate the health of a stream's macroinvertebrate community. We are studying how BIBI scores relate to metals levels in periphyton. Periphyton is the slimy biofilm found on river rocks. Periphyton metals results can represent the stream's water quality over time better than individual water samples, because periphyton tissue accumulates metals from stream water over time. Studying this relationship gives us insight into whether metals in the stream impact the stream's biological health.

In addition to water, sediment, and biological samples, we measured stream habitat at five sites around the Holden Mine area.

We expect the sites above the mine to exhibit more natural stream habitat conditions since they have been less disturbed by historic mining operations and remediation activity. We compare habitat metrics from impacted sites in the mine area and downstream to these upstream sites.

We plan to continue conducting surveys until sufficient evidence demonstrates water quality has recovered in Railroad Creek.



**Figure 57** The slimy substance on this rock is periphyton, a biofilm composed of algae, bacteria, and diatoms that collects on hard surfaces in freshwater streams. Sampling periphyton helps us assess the biological health of a stream. Credit: Ecology

**Learn more about the Environmental Assessment Program’s work to measure and assess Washington’s environmental conditions:**

<https://ecology.wa.gov/About-us/Who-we-are/Our-Programs/Environmental-Assessment>



## MTCA SUCCESS IN SNOHOMISH COUNTY

### Enhancing and preserving wetlands (large and small) makes a critical difference

Washington’s Department of Ecology is responsible for protecting, restoring, and managing Washington’s wetlands resources. Wetlands – those places where water covers the soil or is present at or near the soil surface permanently or seasonally – cover about 2% of the state’s local land area, roughly 938,000 acres.

Since European settlement, Washington has lost about 31% of its wetlands.

Wetlands provide tremendous environmental and economic benefits. They help control flooding and erosion, and they naturally filter water – keeping toxics and other pollutants from surface water and underground drinking water sources. Wetlands provide habitat for salmon that endangered orca need to survive. People depend on wetlands for fishing, boating, swimming, and other recreation activities.

Ecology helps protect Washington’s remaining wetlands using strategies to avoid, minimize, and compensate for adverse impacts. We’re also investing in large-scale restoration projects, such as [wetland mitigation banking](https://ecology.wa.gov/Water-Shorelines/Wetlands/Mitigation/Wetland-mitigation-banking),<sup>70</sup> [Floodplains by Design](https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Hazards/Floods-floodplain-planning/Floodplains-by-Design)<sup>71</sup> and the [Chehalis Basin Strategy](https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Chehalis-Basin/Strategy).<sup>72</sup> These programs are helping restore, enhance, and protect wetlands, floodplains, and watersheds, while boosting aquatic habitat and reducing flood-related damages.

Smaller projects are also critical. Our **Washington Conservation Corps (WCC) program** offers young adult and military veteran members a wealth of opportunities — including helping restore, enhance, and protect local wetland resources. To complete environmental and trail restoration projects, WCC collaborates with a wide range of local and tribal governments, state and federal agencies, and public-benefit nonprofit organizations.

The results are extraordinary. During the 2019–21 biennium alone, WCC crews planted hundreds of thousands of trees and shrubs, created or improved nearly 7,000 acres of habitat for fish and wildlife, and improved more than 300 miles of trails on public lands.



**Figure 58:** WCC AmeriCorps member plants native shrub at Jennings Memorial Park in Marysville, Snohomish County. Credit: Bethany McAuliffe (2019).

<sup>70</sup> <https://ecology.wa.gov/Water-Shorelines/Wetlands/Mitigation/Wetland-mitigation-banking>

<sup>71</sup> <https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Hazards/Floods-floodplain-planning/Floodplains-by-Design>

<sup>72</sup> <https://ecology.wa.gov/Water-Shorelines/Shoreline-coastal-management/Chehalis-Basin/Strategy>

While wetlands restorations are usually long haul efforts, their benefits are far reaching, such as two projects underway in Snohomish County.

The city of Marysville project focuses on restoring a wetland and salmon habitat area at Jennings Memorial Park. In 2019, the Snohomish Conservation District sponsored a WCC crew to support habitat restoration projects on private and public spaces, and our six-person crew planted more than 10 acres of trees in the park’s wetland area — a total of 16,500 willow stakes. The city and conservation district hosted another event where volunteers planted an additional 1,500 native trees and shrubs to help restore and protect the wetland. Today, WCC crews continue to plant and care for new native trees and shrubs.

The WCC crew serving the conservation district supported another long-term wetland restoration effort underway in Monroe. Cripple Creek, a tributary to French Creek in the Snohomish River basin, runs through a portion of the wetlands and offers habitat for Coho salmon and beaver. In 2016, our WCC crew began their wetlands restoration effort by installing beaver exclusion fencing along Cripple Creek. The fencing surrounds the majority of the project site to prevent beaver damage. In the three subsequent winters, WCC AmeriCorps members planted a whopping 25,025 native trees and shrubs and removed more than 8,000 square feet of bittersweet nightshade from the area.

WCC’s efforts in Marysville and Monroe are just two examples of ongoing work that protects and restores Washington’s wetlands. During the 2019–21 biennium, for example, WCC planted 448,476 trees and shrubs and created or improved 6,699 acres of habitat for fish and wildlife across the state. They also created or improved 306 miles of trails on public lands in Washington.

Now that’s environmental success people and wildlife can enjoy for years to come.

**Learn more about the Shorelands & Environmental Assistance Program & WCC:**  
<https://ecology.wa.gov/About-us/Who-we-are/Our-Programs/Shorelands-Environmental-Assistance>





**Figure 59:** Washington Conservation Corps AmeriCorps members team up to plant native trees and shrubs throughout nine-acre wetland restoration site in the city of Monroe. Photo courtesy Nikki Johnson (2019).



## MTCA SUCCESS STATEWIDE

### Swapping PERC machines for less toxic alternatives

In recent years, Model Toxics Control Account (MTCA) funding has helped create Ecology's Product Replacement Program – an effort by the **Hazardous Waste and Toxics Reduction Program**. The PRP, as it's known, is a cutting-edge, preventative program designed to identify and eliminate some of the most problematic chemicals impacting our state. It provides opportunities for businesses to transition to less toxic options, reimbursement funding to businesses that make the switch, and collection and disposal services to remove and destroy the toxic chemicals altogether.

One of the most successful examples of the PRP in action is the PERC-replacement project, which incentivizes dry cleaning businesses across the state to replace their cancer-causing perchloroethylene equipment with less hazardous high-flash hydrocarbon or professional wet cleaning machines. Since 2019, over 50 dry cleaning businesses in Washington have made the switch and received reimbursement to replace their toxic machinery.

According to a study in the Journal of Cleaner Production, the average dry cleaner uses about 120 gallons of solvent per year. This means that, thanks to the MTCA-funded PRP, as much as 6,000 gallons of PERC is no longer being used at these businesses and therefore does not pose a threat to human health and the environment. Ecology is now proactively solving these problems before they become much bigger and more costly to clean up.

#### Learn how to apply for the PERC equipment replacement program:

<https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Dangerous-waste-guidance/Common-dangerous-waste/Dry-cleaners>



**Figure 60:** Since 2019, more than 50 dry cleaning businesses in Washington state have swapped out machinery that uses cancer-causing chemicals. Photo credit: Ecology (2021)

## Conclusion

### Working together and changing lives

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Throughout this report, we've spotlighted some of the serious environmental and public health challenges facing Washington today: a century's worth of legacy contamination from past industrial practices; emerging public health concerns from PFAS and PCBs; poor air quality that threatens nearly all communities. Managing these threats is a huge challenge that Ecology and our agency partners are facing together.

Together, we're finding ways to leverage our efforts. We're collaborating with others who are equally invested in the critical work to protect our environment and public health: local governments, concerned public interest groups, public and private businesses, homeowners, tank owners and operators, and skilled contractors. We're working to find solutions to complex problems like affordable housing, stormwater pollution, PFAS, and industrial waste. Many of these are threats we couldn't envision 32 years ago, but can tackle today thanks to MTCA and its funding sources.

The variety of projects and the work of skilled, dedicated people described in this report highlight the fact that MTCA funding must fulfill an increasingly broad range of needs to protect human health and the environment.

By using MTCA funds wisely, and transparently sharing how we do so, we can continue the essential work that visibly changes lives for the better.



**Figure 61:** Palouse Hills from Steptoe Butte State Park in Garfield, WA.  
Photo credit Caleb Rison on [Unsplash.com](https://unsplash.com) (2019)

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## Glossary

Term	Definition
<b>affordable housing</b>	<p>Typically defined as residential housing where monthly housing costs (including utilities, but not phone) do not exceed thirty percent of the household's monthly income, relative to that community's median income.</p> <p>For purposes of housing intended for owner occupancy, "affordable housing" means residential housing that is within the means of low or moderate-income households. (<a href="#">RCW 84.14.010</a>).</p> <p>For purposes of planning, a household's expected monthly income is determined by reference to the Area Median Income.</p>
<b>Area Median Income</b>	The household income of the median, or middle, household in a region.
<b>biennium</b>	A period of two years. The state of Washington operates on a two year (biennial) budget cycle that starts July 1 <sup>st</sup> of each odd-numbered year, and ends June 30 <sup>th</sup> of the next odd-numbered year. The 2019–21 biennium started July 1, 2019, and ended June 30, 2021.
<b>brownfields</b>	Previously developed properties that are currently abandoned or underused. Real or perceived environmental contamination can hinder a community's reuse objectives for the site. Examples of brownfields undergoing transformations include <a href="#">Seattle's Mount Baker Housing Project (CSID 13054)</a> , <a href="#">Wenatchee's Worthen Street Landfill (CSID 4085)</a> , and <a href="#">Aberdeen's Seaport Landing (CSID 4987)</a> .
<b>Brownfield Redevelopment Trust Fund (BRTF) Account</b>	An account that allows public moneys (state and local), as well as private and/or non-profit moneys, to be combined and set aside for cleaning up brownfields located within a redevelopment opportunity zone. The local governments designating the zone are the beneficiaries of the moneys. Moneys may be spent only after appropriation by the Legislature and approval by Ecology. Local governments must meet the eligibility and other requirements for remedial actions grants codified in <a href="#">Chapter 173-322A WAC</a> . The account retains interest ( <a href="#">RCW 70A.305.140</a> ).
<b>cleanup actions</b>	Also known as cleanups or remedial actions. The collective planning, investigative, and technical work needed to clean up contaminated sites.

Term	Definition
<b>Cleanup and Tank Search (CATS)</b>	Formerly TCP Web Reporting. An online application with customizable reports that pull data from Ecology's ISIS and Underground Storage Tank databases. Reports include Confirmed and Suspected Contamination Sites, VCP wait lists, and Brownfields sites, and links to maps such as Tacoma and Everett smelter plume's Dirt Alert map.
<b>Cleanup Settlement Account</b>	An account that holds funds from legal settlements or court orders that resolved liability for cleanup or natural resource damages, and links those funds to specific site or restoration efforts.
<b>cleanup site</b>	Also known as a contaminated site or hazardous waste site. A site or property where Ecology has confirmed one or more releases (or threatened release) of a hazardous substance. Ecology has identified 13,700-plus cleanup sites in Washington state. Cleanups are often considered construction projects that remove or immobilize harmful contamination from our environment and put properties back into use. Cleanup sites can be as small as a gas station spill, or as large and complex as the <a href="#">Tacoma Smelter Plume (CSID 3657)</a> that impacts thousands of acres.
<b>Cleanup Site ID (CSID)</b>	An identifying number assigned to a cleanup site by the Toxics Cleanup Program for the Integrated Site Information System (ISIS).
<b>Cleanup Site Search</b>	Toxics Cleanup Program's searchable database containing the 13,700-plus confirmed or suspected contaminated sites in Washington: <a href="https://apps.ecology.wa.gov/gsp/SiteSearchPage.aspx">https://apps.ecology.wa.gov/gsp/SiteSearchPage.aspx</a>
<b>Confirmed and Suspected Contaminated Sites List (CSCSL)</b>	Ecology's list of all contaminated or suspected sites that have yet to be cleaned up and yet to receive a "no further action" determination from us. Sites may be ranked or unranked (through the Washington Ranking Method). As of June 30, 2021, there were 6,263 sites on this list. See Figure 10 in Chapter 2.
<b>contaminated site</b>	Also known as a cleanup site or hazardous waste site.
<b>EAGL</b>	Ecology's Grants and Loans online application and database.
<b>Environmental Covenant</b>	A legal document that puts institutional controls into place, and is often used when contamination remains on a site. It outlines restraints on how a property can be used or developed to ensure human health is protected at the site.

Term	Definition
<b>Environmental Legacy Stewardship Account (ELSA)</b>	Effective July 1, 2019, ELSA, STCA, and LTCA were eliminated by the Legislature and replaced with three new accounts.
<b>Facility Site ID (FSID)</b>	An identifying number assigned to a cleanup site or facility for Ecology’s Facility Site database.
<b>fiscal year</b>	A period of one year named for the year it ends. For example, Fiscal Year 2020 starts July 1, 2019, and ends June 30, 2020.
<b>groundwater</b>	Water in a saturated zone or stratum beneath the surface of land or below a surface water.
<b>hazardous waste site</b>	Also known as a cleanup site or contaminated site. Defined in MTCA as any site that Ecology has confirmed a release or a threatened release of a hazardous substance requiring remedial action ( <a href="#">WAC 173-340-200</a> ).
<b>Hazardous Sites List (HSL)</b>	A subset of Ecology’s and Suspected Contaminated Sites List (CSCSL) that contains ranked sites whose cleanup actions have yet to be completed. As of June 30, 2021, there were 1,971 ranked sites on this list. See Figure 10 in Chapter 2.
<b>Hazardous Substance Tax (HST)</b>	The HST for liquid petroleum was changed from a value-based tax to a volume-based tax on July 1, 2019, per Engrossed Substitute Senate Bill 5993.
<b>institutional control</b>	A prohibition of certain activities that could expose people to hazardous substance remaining at a site, or impact a cleanup’s integrity over time. For example, an institutional control might restrict digging at the site, or require that an impermeable membrane “cap” remain in place to prevent contamination from migrating to groundwater.
<b>Integrated Site Information System (ISIS)</b>	Toxics Cleanup Program’s internal database that tracks Washington’s 13,700-plus contaminated sites.
<b>Local Toxics Control Account (LTCA)</b>	Effective July 1, 2019, LTCA, STCA, and ELSA were eliminated by the Legislature and replaced with three new accounts.
<b>Model Toxics Control Act (MTCA statute)</b>	Washington’s environmental cleanup law, <a href="#">Chapter 70A.305 RCW</a>

Term	Definition
<b>Model Toxics Control Act Regulations (MTCA Cleanup Rule)</b>	Washington’s regulations that set standards and procedures for cleaning up contaminated sites ( <a href="#">Chapter 173-340 WAC</a> ). The MTCA Cleanup Rule is one of two cleanup rules in Washington adopted under the Model Toxics Control Act, <a href="#">Chapter 70A.305 RCW</a> . Beginning 2018, this rule is being revised in a series of updates called “rulemakings.” The first rulemaking is scheduled to be adopted in 2022. The other cleanup rule is the Sediment Management Standards, <a href="#">Chapter 173-204 WAC</a> , known as the SMS Cleanup Rule.
<b>Model Toxics Control Accounts</b>	Effective July 1, 2019, the Legislature created the Model Toxics Control Capital Account, the Model Toxics Control Operating Account, and the Model Toxics Control Stormwater Account.
<b>MTCA Biennial Report of Expenditures</b>	Ecology’s financial report produced every odd-numbered year that describes how funds from the MTCA accounts were spent on cleanup activities over the previous two fiscal years.
<b>MTCA Ten-Year Financing Report</b>	Ecology’s financial report produced every even-numbered year that describes cleanup financing needs over the next ten fiscal years.
<b>No Further Action (NFA) List</b>	A list of sites that have been determined to require no further cleanup action. They include sites that have received a formal determination from and NFA letter from Ecology. As of June 30, 2019, there were 7,165 sites on this list. See Figure 6 in Chapter 2.
<b>RAG Program</b>	Ecology’s Remedial Action Grant program that provides grants and loans to local governments for site investigation and cleanup.
<b>RAG Rule</b>	Washington’s regulations that govern the issuance of remedial action grants and loans to local governments ( <a href="#">Chapter 173-322A WAC</a> ).
<b>Redevelopment Opportunity Zone (ROZ)</b>	A geographic area designated by a city, county, or port district that meets criteria outlined in <a href="#">RCW 70A.305.150</a> . The city, county, or port district must also adopt a resolution that includes the determinations and commitments outlined in the RCW.
<b>remedial actions</b>	Also known as cleanups or cleanup actions. The collective planning, investigative, and technical work needed to clean up contaminated sites.
<b>Remedial Action Grants (RAG)</b>	Grants to local governments for cleaning up hazardous sites throughout Washington.



Term	Definition
<b>Sediment Management Standards (SMS Cleanup Rule)</b>	Washington’s regulations that set standards and procedures for cleaning up contaminated sediment ( <a href="#">Chapter 173-204 WAC</a> ). The SMS Cleanup Rule is one of two cleanup rules in Washington adopted under the Model Toxics Control Act, <a href="#">Chapter 70A.305 RCW</a> . The second cleanup rule is the Model Toxics Control Act Regulations, <a href="#">Chapter 173-340 WAC</a> , known as the MTCA Cleanup Rule.
<b>sediment site</b>	A contaminated site in riverbeds and seabeds where aquatic animals such as crabs and clams live. Sediment can include silt, sand, cobble, and beaches.
<b>State Toxics Control Account (STCA)</b>	Effective July 1, 2019, STCA, LTCA, and ELSA were eliminated by the Legislature and replaced with three new accounts.
<b>UST Rule</b>	Washington’s regulations for installing, managing, and monitoring underground storage tanks ( <a href="#">Chapter 173-360A WAC</a> ).
<b>upland site</b>	A contaminated site on land or in groundwater.
<b>What’s in My Neighborhood</b>	The Toxics Cleanup Program’s interactive map of cleanup sites in Washington. <a href="https://apps.ecology.wa.gov/neighborhood/">https://apps.ecology.wa.gov/neighborhood/</a>

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## References and Resources

**Table 18:** Accounting, budget, and funding resources referenced in this report.

Resource	Description	Link
<b>AFRS</b>	Washington’s Agency Financial Reporting System (AFRS)	internal
<b>Ecology’s Budget &amp; Strategic Plan</b>	Ecology’s webpage that explains how our budget works.	<a href="http://www.ecology.wa.gov/About-us/How-we-operate/Budget-strategic-planning">http://www.ecology.wa.gov/About-us/How-we-operate/Budget-strategic-planning</a>
<b>Department of Ecology Budget &amp; Program Overview, 2019–21</b> Ecology Publication No. 19-01-054	Document that provides an overview of Ecology’s 201–21 budget and agency priorities, and gives a sense of perspective about our activities and a summary of the budget that supports them.	<a href="https://apps.ecology.wa.gov/publications/SummaryPages/1901005.html">https://apps.ecology.wa.gov/publications/SummaryPages/1901005.html</a>
<b>Washington State Fiscal Information</b>	Interactive fiscal reports, project maps, budget bills, and documents.	<a href="http://www.fiscal.wa.gov">www.fiscal.wa.gov</a>
<b>EAGL</b>	Ecology’s Administration of Grants and Loans system, where local governments and community groups can apply for funding opportunities, including grants for cleanup and safe drinking water.	<b>Overview:</b> <a href="https://ecology.wa.gov/About-us/How-we-operate/Grants-loans">https://ecology.wa.gov/About-us/How-we-operate/Grants-loans</a>  <b>Secure Access Washington (SAW) log-in:</b> <a href="https://secureaccess.wa.gov/ecy/eagl/">https://secureaccess.wa.gov/ecy/eagl/</a>
<b>Public Participation Grants</b>	Grants to individuals and not-for-profit public interest organizations to increase public understanding and involvement in cleaning up contaminated sites, and improving recycling and waste management.	<a href="https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Public-participation-grants">https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Public-participation-grants</a>
<b>Oil spill equipment cache grants</b>	Grants that help local communities prepare for, and respond to, spills.	<a href="https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Equipment-cache-grants">https://ecology.wa.gov/About-us/How-we-operate/Grants-loans/Find-a-grant-or-loan/Equipment-cache-grants</a>
<b>Map of Ecology’s grants and loans since 2014</b>	Washington map displaying Ecology’s grants and loans awarded since 2014. Information can be displayed by project location or dollars per area, and filters by Ecology programs and funding programs.	<a href="https://apps.ecology.wa.gov/eaglmapp/?CustomMap=y&amp;BBBox=-13962546,5698654,-13014726,6267345&amp;AL=5&amp;Opacity=0.8&amp;Basemap=esriTopo&amp;EP=5&amp;FP=16">https://apps.ecology.wa.gov/eaglmapp/?CustomMap=y&amp;BBBox=-13962546,5698654,-13014726,6267345&amp;AL=5&amp;Opacity=0.8&amp;Basemap=esriTopo&amp;EP=5&amp;FP=16</a>

**Table 19:** Public involvement resources referenced in this report.

Resource	Description	Link
<b>Public Involvement Listing</b>	An electronic listing of upcoming public meetings and comment periods for Ecology activities.	<a href="https://ecology.wa.gov/Events/Search/Listing">https://ecology.wa.gov/Events/Search/Listing</a>
<b>Site Register</b>	An electronic newsletter issued by Ecology that provides information on cleanups and announces public comment opportunities.	<a href="https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Site-Register-lists-and-data">https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Site-Register-lists-and-data</a>  <b>Subscribe:</b> <a href="http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=SITEREGISTER&amp;A=1">http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=SITEREGISTER&amp;A=1</a>
<b>eComments</b>	A tool for submitting comments online. Watch for opportunities to comment in the Public Involvement Listing.	<a href="https://ecology.wa.gov/Events/Search/Listing">https://ecology.wa.gov/Events/Search/Listing</a>
<b>Mailing lists (electronic and hardcopy)</b>	Ecology's mailing lists of interested parties, organizations, and residents living near a cleanup site. We use these lists to distribute information and notify about public meetings and opportunities to comment. Contact your regional office to get on the lists.	<a href="https://ecology.wa.gov/About-us/Get-to-know-us/Contact-us">https://ecology.wa.gov/About-us/Get-to-know-us/Contact-us</a>
<b>MTCA-SMS Rule Listserv</b>	A mailing list specifically for news about the MTCA regulations (MTCA Cleanup Rule) or Sediment Management Standards (Sediment Cleanup Rule). For example, we use this to distribute major milestones and next steps for the MTCA Cleanup Rule Update that began in 2018.	<a href="http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=MTCA-SMS-RULE-UPDATE&amp;A=1">http://listserv.ecology.wa.gov/scripts/wa-ECOLOGY.exe?SUBED1=MTCA-SMS-RULE-UPDATE&amp;A=1</a>
<b>What's in My Neighborhood</b>	An interactive map of Ecology's 13,700+ contaminated sites in our ISIS database.	<a href="https://apps.ecology.wa.gov/neighborhood/">https://apps.ecology.wa.gov/neighborhood/</a>

**Table 20:** Environmental and technical guidance resources referenced in this report.

Resource	Description	Link
<b>EIM and MyEIM</b>	Environmental Information Management System (EIM) and MyEIM are database tools that contain environmental data for air, water, soil, sediment, aquatic animals, and plants used for cleaning up sites. Data is collected by Ecology and our partners, including local governments.	<p><b>EIM:</b>  <a href="https://ecology.wa.gov/Research-Data/Data-resources/Environmental-Information-Management-database">https://ecology.wa.gov/Research-Data/Data-resources/Environmental-Information-Management-database</a></p> <p><b>MyEIM:</b>  <a href="https://ecology.wa.gov/Research-Data/Data-resources/Environmental-Information-Management-database/Using-MyEIM">https://ecology.wa.gov/Research-Data/Data-resources/Environmental-Information-Management-database/Using-MyEIM</a></p>
<b>CLARC</b>	Cleanup Levels and Risk Calculation resource with information about many chemicals for establishing cleanup levels that comply with MTCA regulations.	<a href="https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC">https://ecology.wa.gov/Regulations-Permits/Guidance-technical-assistance/Contamination-clean-up-tools/CLARC</a>
<b>Cleanup Site Search (website)</b>	Database of 13,700-plus contaminated sites known to Ecology that draws from the Integrated Site Information System (ISIS) database.	<a href="https://apps.ecology.wa.gov/gsp/SiteSearchPage.aspx">https://apps.ecology.wa.gov/gsp/SiteSearchPage.aspx</a>
<b>Cleanup and Tank Search (CATS, formerly TCP Web Reporting)</b>	Selection of reports and datasets you can tailor for quick data retrieval. Draws from two of Ecology’s internal environmental databases: Integrated Site Information System (ISIS) and Underground Storage Tank (UST) System.	<a href="https://apps.ecology.wa.gov/tcpwebreporting/">https://apps.ecology.wa.gov/tcpwebreporting/</a>
<b>Washington State Open Data Initiative</b>	The state of Washington maintains an open data portal ( <a href="https://data.wa.gov/">https://data.wa.gov/</a> ) to which Ecology has published cleanup data sets in map, table, and graph visualizations.	<a href="https://data.wa.gov/Natural-Resources-Environment/Cleanup-Site-Map/e239-pe5z">https://data.wa.gov/Natural-Resources-Environment/Cleanup-Site-Map/e239-pe5z</a>
<b>Toxics Cleanup Program’s (TCP’s) policies and guidance</b>	A consolidated (but not exhaustive) list of TCP’s policies, procedures, implementation memos, and major guidance documents for cleaning up hazardous sites and meeting the requirements of MTCA.	<a href="https://ecology.wa.gov/Regulations-Permits/Plans-policies/Toxics-cleanup-policies">https://ecology.wa.gov/Regulations-Permits/Plans-policies/Toxics-cleanup-policies</a>

Resource	Description	Link
<b>TCP publications</b>	Focus sheets, frequently asked questions, guidance documents, and technical reports that describe cleanup sites across the state.	<a href="https://apps.ecology.wa.gov/publications/UIPages/PublicationList.aspx?IndexTypeName=Program&amp;NameValue=Toxics+Cleanup&amp;DocumentTypeName=Publication">https://apps.ecology.wa.gov/publications/UIPages/PublicationList.aspx?IndexTypeName=Program&amp;NameValue=Toxics+Cleanup&amp;DocumentTypeName=Publication</a>
<b>TCP Legislative reports</b>	Links to recurring and one-time legislative reports produced by the Toxics Cleanup Program.	<a href="http://ecology.wa.gov/About-us/Get-to-know-us/Our-Programs/Toxics-Cleanup/TCP-Legislative-reports">http://ecology.wa.gov/About-us/Get-to-know-us/Our-Programs/Toxics-Cleanup/TCP-Legislative-reports</a>
<b>Washington’s Formal Cleanup Process Infographic</b> Ecology Publication No. 19-09-166 (September 2019)	A one-page graphic that describes the steps in the formal MTCA cleanup process.	<a href="https://apps.ecology.wa.gov/publications/SummaryPages/1909166.html">https://apps.ecology.wa.gov/publications/SummaryPages/1909166.html</a>
<b>Agency Determination Checklist</b>  Ecology Form No. 070-620	Ecology’s checklist to use when you’re conducting an independent cleanup and need informal, site-specific technical consultation. This checklist helps you determine which one of Washington’s three technical assistance programs your site is eligible to use:  <ol style="list-style-type: none"> <li>1) Ecology’s Voluntary Cleanup Program (VCP),</li> <li>2) PLIA’s Petroleum Technical Assistance Program (PTAP), or</li> <li>3) PLIA’s Heating Oil Technical Assistance Program (HOTAP).</li> </ol>	<b>Checklist:</b> <a href="https://apps.ecology.wa.gov/publications/SummaryPages/E CY070620.html">https://apps.ecology.wa.gov/publications/SummaryPages/E CY070620.html</a>  <b>Ecology’s VCP:</b> <a href="https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-process/Cleanup-options/Voluntary-cleanup-program">https://ecology.wa.gov/Spills-Cleanup/Contamination-cleanup/Cleanup-process/Cleanup-options/Voluntary-cleanup-program</a>  <b>PLIA’s PTAP:</b> <a href="http://plia.wa.gov/ptap">http://plia.wa.gov/ptap</a>  <b>PLIA’s HOTAP:</b> <a href="http://plia.wa.gov/heating-oil-technical-assistance-program/">http://plia.wa.gov/heating-oil-technical-assistance-program/</a>
<b>Pollution Liability Insurance Program (PLIA)</b>	A Washington state agency that provides an effective and efficient government funding model that helps owners and operators meet financial responsibility and environmental cleanup requirements for underground storage tanks.	<a href="http://www.plia.wa.gov">www.plia.wa.gov</a>

Resource	Description	Link
<b>Ecology’s Spills Program</b>	An Ecology program that focuses on preventing oil spills to water and land, and planning for and delivering a rapid, aggressive, and well-coordinated response.	<a href="https://ecology.wa.gov/Spills-Cleanup/Spills">https://ecology.wa.gov/Spills-Cleanup/Spills</a>  <b>Report a spill:</b> <a href="https://ecology.wa.gov/About-us/Get-involved/Report-an-environmental-issue/Report-a-spill">https://ecology.wa.gov/About-us/Get-involved/Report-an-environmental-issue/Report-a-spill</a>
<a href="http://www.ozonematters.com">www.ozonematters.com</a>	A website provided by Ecology and Washington State University displaying the current ozone forecast in the Kennewick, Pasco, Richland, Washington region.	<b>Sign up for ozone alerts:</b> <a href="mailto:tri-cities-ozone+subscribe@googlegroups.com">tri-cities-ozone+subscribe@googlegroups.com</a>

**Table 21:** Cleanup laws and regulations mentioned in this report.

Resource	Description	Link
<b>MTCA (statute)</b>	Hazardous Waste Cleanup—Model Toxics Control Act, Chapter 70A.305 RCW	<a href="https://app.leg.wa.gov/RCW/default.aspx?cite=70A.305">https://app.leg.wa.gov/RCW/default.aspx?cite=70A.305</a>
<b>MTCA Cleanup Rule</b>	Model Toxics Control Act—Cleanup Regulations, Chapter 173-340 WAC	<a href="http://apps.leg.wa.gov/WAC/default.aspx?cite=173-340">http://apps.leg.wa.gov/WAC/default.aspx?cite=173-340</a>
<b>RAG Rule</b>	Remedial Action Grants and Loans Regulations, Chapter 173-322A WAC	<a href="http://apps.leg.wa.gov/WAC/default.aspx?cite=173-322A">http://apps.leg.wa.gov/WAC/default.aspx?cite=173-322A</a>
<b>Sediment Cleanup Rule</b>	Sediment Management Standards, Chapter 173-204 WAC	<a href="http://apps.leg.wa.gov/WAC/default.aspx?cite=173-204">http://apps.leg.wa.gov/WAC/default.aspx?cite=173-204</a>
<b>UST Rule</b>	Underground Storage Tank Regulations, Chapter 173-360A WAC	<a href="https://apps.leg.wa.gov/WAC/default.aspx?cite=173-360A">https://apps.leg.wa.gov/WAC/default.aspx?cite=173-360A</a>
<b>CERCLA</b>	Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. Sec. 9601 et seq. (commonly known as Superfund)	<a href="https://www.epa.gov/laws-regulations/summary-comprehensive-environmental-response-compensation-and-liability-act">https://www.epa.gov/laws-regulations/summary-comprehensive-environmental-response-compensation-and-liability-act</a>
<b>NCP</b>	National Oil and Hazardous Substances Pollution Contingency Plan, 40 C.F.R. Part 300	<a href="https://www.gpo.gov/fdsys/pkg/CFR-2011-title40-vol28/pdf/CFR-2011-title40-vol28-part300.pdf">https://www.gpo.gov/fdsys/pkg/CFR-2011-title40-vol28/pdf/CFR-2011-title40-vol28-part300.pdf</a>

**Table 22:** Washington State Legislature House & Senate bills mentioned in this report.

Resource	Description	Link
<b>ESSB 5993 (Chapter 422, Laws of 2019)</b>	Engrossed Substitute Senate Bill 5993 Reforming the financial structure of the model toxics control program.	<a href="https://app.leg.wa.gov/billsummary?BillNumber=5993&amp;Year=2019&amp;Initiative=false">https://app.leg.wa.gov/billsummary?BillNumber=5993&amp;Year=2019&amp;Initiative=false</a>
<b>SHB 1290 (Chapter 95, Laws of 2019)</b>	Substitute House Bill 1290 Concerning reviews of voluntary cleanups.	<a href="https://app.leg.wa.gov/billsummary?BillNumber=1290&amp;Year=2019">https://app.leg.wa.gov/billsummary?BillNumber=1290&amp;Year=2019</a>
<b>SSB 5175 (Chapter 76, Laws of 2019)</b>	Substitute Senate Bill 5175 Concerning firefighter safety.	<a href="https://app.leg.wa.gov/billsummary?Year=2019&amp;BillNumber=5175">https://app.leg.wa.gov/billsummary?Year=2019&amp;BillNumber=5175</a>
<b>ESSB 6095 (Chapter 298, Laws of 2018, Partial Veto)</b>	Engrossed Substitute Senate Bill 6095 Concerning the capital budget.	<a href="https://app.leg.wa.gov/billsummary?BillNumber=6095&amp;Year=2017">https://app.leg.wa.gov/billsummary?BillNumber=6095&amp;Year=2017</a>
<b>SB 6159 (Chapter 194, Laws of 2018)</b>	Senate Bill 6159 Concerning the reauthorization of the underground storage tank program.	<a href="https://apps.leg.wa.gov/billsu/mmary?year=2017&amp;billnumber=6159&amp;initiative=false">https://apps.leg.wa.gov/billsu/mmary?year=2017&amp;billnumber=6159&amp;initiative=false</a>
<b>ESSB 5965 (Chapter 4, Laws of 2017, 3<sup>rd</sup> Special Session)</b>	Engrossed Substitute Senate Bill 5965 Relating to the capital budget.	<a href="http://app.leg.wa.gov/billsummary?BillNumber=5965&amp;Year=2017">http://app.leg.wa.gov/billsummary?BillNumber=5965&amp;Year=2017</a>
<b>SHB 1266 (Chapter 23, Laws of 2017)</b>	Substitute House Bill 1266 Concerning petroleum storage tank systems.	<a href="https://app.leg.wa.gov/billsummary?BillNumber=1266&amp;Year=2017">https://app.leg.wa.gov/billsummary?BillNumber=1266&amp;Year=2017</a>
<b>2EHB 1115 (Chapter 3, Laws of 2015, Partial Veto, 3<sup>rd</sup> Special Session)</b>	Second Engrossed House Bill 1115 Concerning the capital budget.	<a href="http://leap.leg.wa.gov/leap/budget/lbns/1517Cap1115-SL.pdf">http://leap.leg.wa.gov/leap/budget/lbns/1517Cap1115-SL.pdf</a>
<b>2E2SSB 5296 (Chapter 1, Laws of 2013)</b>	Second Engrossed Second Substitute Senate Bill 5296 Concerning the model toxics control act.	<a href="http://app.leg.wa.gov/billsummary?BillNumber=5296&amp;Year=2013">http://app.leg.wa.gov/billsummary?BillNumber=5296&amp;Year=2013</a>



## **Appendix A: MTCA Biennial Reporting requirements (RCW 70A.305.030(5))**

(5) By December 1st of each odd-numbered year, the department must provide the legislature and the public a report of the department's activities supported by appropriations from the model toxics control operating, capital, and stormwater accounts. The report must be prepared and displayed in a manner that allows the legislature and the public to easily determine the statewide and local progress made in cleaning up hazardous waste sites under this chapter. The report must include, at a minimum:

(a) The name, location, hazardous waste ranking, and a short description of each site on the hazardous sites list, and the date the site was placed on the hazardous waste sites list; and

(b) For sites where there are state contracts, grants, loans, or direct investments by the state:

(i) The amount of money from the model toxics control capital account used to conduct remedial actions at the site and the amount of that money recovered from potentially liable persons;

(ii) The actual or estimated start and end dates and the actual or estimated expenditures of funds authorized under this chapter for the following project phases:

(A) Emergency or interim actions, if needed;

(B) Remedial investigation;

(C) Feasibility study and selection of a remedy;

(D) Engineering design and construction of the selected remedy;

(E) Operation and maintenance or monitoring of the constructed remedy;  
and

(F) The final completion date.

**Source:** Hazardous Waste Cleanup—Model Toxics Control Act, RCW 70A.305.030(5), <https://app.leg.wa.gov/RCW/default.aspx?cite=70A.305.030>

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## **Appendix B: Summary of Content Found in Appendices C-G**

This Appendix explains the different types of funding sources for contaminated site cleanups. Appendices C through G are the expanded financial tables for cleanups during the 2019–21 biennium.

### **What are remedial action grants and loans?**

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Ecology provides remedial action grants and loans to local governments in Washington state to facilitate the cleanup of contamination on publicly owned lands, and to lessen the impact of such cleanups on local ratepayers.

The program was created by the Model Toxics Control Act (MTCA), Chapter 70A.305 RCW and guided by Ecology's Chapter 173-322A WAC, Remedial Action Grants and Loans (also known as the RAG rule).

Funds for remedial action grants and loans come from a tax on hazardous substances. The Legislature appropriates funds from the MTCA accounts for remedial action grants and loans.

### **Types of remedial action grants or loans available**

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Ecology's RAG Program provides multiple funding opportunities to local governments. The 2013 legislative amendments to MTCA added Extended Grant Agreements to this list.

#### **Extended Grant Agreements**

These grants are given to local governments for sites where the cleanup project exceeds \$20 million and occurs over multiple budget cycles. These extended grant agreements enable local governments to commit to long-term cleanups without tying up large amounts of grant funds. Such projects would receive priority for funds. No Extended Grant Agreements were awarded during the 2019–21 biennium.

#### **Oversight Remedial Action Grants (Appendix C)**

These grants provide funding to local governments that investigate and clean up contaminated sites under the supervision of Ecology or the U.S. Environmental Protection Agency under an order or decree.

#### **Remedial Action Loans (Appendix C)**

Ecology can offer loans to local governments, primarily to help fulfill grant match requirements. Ecology considers loans on a case-by-case basis depending on the financial need of the local government and its ability to pay over a period of time.

### **Independent Remedial Action Grants (Appendix C)**

These grants provide funding to local governments that investigate and clean up contaminated sites independently under the Voluntary Cleanup Program. The grants are primarily intended to encourage and expedite independent remedial actions by reimbursing local governments for voluntarily conducting these cleanups.

### **Integrated Planning Grants (Appendix D)**

These grants provide funding to local governments to assess one or more contaminated sites, and to develop integrated projects plans for cleaning up and redeveloping brownfield properties at those sites.

### **Area-wide Groundwater Remedial Action Grants (discussed in Chapter 4)**

These grants provide funding to local governments that investigate known or suspected areas of area-wide groundwater contamination.

### **Safe Drinking Water Action Grants (discussed in Chapter 4)**

These grants help local governments, or local governments applying on behalf of a purveyor, provide safe drinking water to areas contaminated by or threatened by contamination from hazardous waste sites.

### **Site Hazard Assessment Grants (discussed in Chapter 4)**

Until the 2017–19 biennium, these grants provided funding to local health departments and districts to conduct initial investigations and hazard assessments at sites on behalf of Ecology. The assessments confirmed the type and level of contamination at sites identified on Ecology's Hazardous Sites List. (In September 2014 going forward, this work had also included efforts to assess and cleanup methamphetamine lab sites where hazardous substances had been released into the environment, because in 2013, the Legislature eliminated Methamphetamine Lab Site Assessment and Cleanup Grants as separate grants.)

In January 2018, the Legislature stopped providing funding for SHAs. See brief discussion in Chapter 4.

## **Ecology Conducted and/or Contracted Site Work Expenditures (Appendix E)**

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Appendix E describes the state-led work on both cleanups and programs that focus on Puget Sound and Eastern Washington. These are sites that are abandoned, have non-compliant owners, or need funds to advance emerging cleanups.

## Public Participation Grants (Appendix F)

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Public Participation Grants (PPG) fund not-for-profit public interest groups to involve and educate Washington residents and business about environmental issues. There are two types of PPG projects:

1. **Contaminated Site Projects.** These encourage people to become involved in the investigation and cleanup of contaminated sites. Examples include community involvement at the Hanford Site cleanup, Spokane River PCB contamination, and numerous Puget Sound cleanup sites.
2. **Waste Management Projects.** These encourage citizen and business involvement in eliminating and reducing waste and toxics. Examples include providing overburdened communities with information about toxics reduction, and developing food waste diversion programs.

These grants help Washington residents:

- Identify the causes, sources, and effects of pollution.
- Provide informed feedback during public comment periods on site cleanup plans.
- Become aware of how their activities affect the environment.
- Adopt responsible practices in their homes, schools, and businesses to prevent, reduce, or clean up pollution.
- Encourage the practical alternatives for reuse of materials currently going to disposal sites as waste.

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## **Appendix C: Oversight & Independent Remedial Action Grants (RAG) Financial Tables**

- Chapter 4 discusses these tables.
- Refer to Acronyms & Abbreviations at the beginning of this report for acronyms found in this appendix.

Oversight & Independent Remedial Action Grants: Financial Tables

OVERSIGHT REMEDIAL ACTION GRANTS										
County	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	WARM Ranking	Remedial Action Grant Number	State Building Construction Account (SBCA)	Model Toxics Control Capital Account	Total	Brief Description of Work
Chelan	12	11610	Gold Knob Prospects	City of Wenatchee	Not Ranked	TCpra-2018-Wenatc-00035	-	900,000	900,000	Grant to conduct excavation and disposal of the waste rock and down gradient areas. The overall goal of the project is to remediate the site to restore habitat and create a sustainable, outdoor recreation and education area that will continue to attract many residents and visitors.
Chelan	12	11610	Gold Knob Prospects	City of Wenatchee	Not Ranked	Tcpa-1921-Wenatc-00073	-	201,000	201,000	Grant to continue the second phase of cleanup and implement "lessons learned". This includes excavation and removal of waste rock piles, development and implementation of mitigation measures to address remaining areas with elevated metals concentrations at the Site. The overall goal of the project is to remediate the site to restore habitat and create a sustainable, outdoor recreation and education area that will continue to attract many residents and visitors.
Clark	18	3020	Former Pacific Wood Treating Company	Port of Ridgefield	1	G1400413	-	3,000	3,000	Grant to complete Lake River and Carty Lake remedies (vegetation installation). Prepare completion reports. Perform monitoring and reporting for groundwater, property cap, Lake River chemical monitoring, Lake River and Carty Lake vegetation monitoring. Prepare an environmental covenant for Port and City properties. Off-property: prepare a Remedial Investigation/Feasibility Study and remedial design. Conduct bid support, construction oversight, prepare completion reports. Finalize site Comprehensive Operation and Maintenance Plan.
Clark	18	3020	Former Pacific Wood Treating Company Loan	Port of Ridgefield	1	L1400017	-	95,000	95,000	Loan to complete Lake River and Carty Lake remedies (vegetation installation). Prepare completion reports. Perform monitoring and reporting for groundwater, property cap, Lake River chemical monitoring, Lake River and Carty Lake vegetation monitoring. Prepare an environmental covenant for Port and City properties. Off-property: prepare an Remedial Investigation/Feasibility Study and remedial design. Conduct bid support, construction oversight, prepare completion reports. Finalize site Comprehensive Operation and Maintenance Plan.



OVERSIGHT REMEDIAL ACTION GRANTS										
County	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	WARM Ranking	Remedial Action Grant Number	State Building Construction Account (SBCA)	Model Toxics Control Capital Account	Total	Brief Description of Work
Franklin	16	1985	Marine Terminal Bulk Fuel Site	Port of Pasco - Marine Terminal	1	Tcpa-2015-Paspmt-00009	-	6,000	6,000	Grant to continue remediation actions to remove Total Petroleum Hydrocarbons and Volatile Organic Compounds located in the vadose zone and groundwater at the Marine Terminal Site, primarily the former location of the Bulk Fuel Terminal.
Grant	13	1692	Ephrata Landfill Remediation	Grant County - Public Works	5	Tcpa-2014-Grcopw-00056	-	205,000	205,000	Grant to conduct a remedial investigation, feasibility study (FS) and interim action according the Agreed Order. A draft FS was submitted in 2012. The preferred cleanup action is soil vapor extraction with limited groundwater pretreatment and disposal by evaporation. Pilot testing is planned to complete a multi-phase extraction (MPE) test to evaluate long term feasibility of the remedy and establish and implement the Cleanup Action Plan for the site.
Grant	13	1692	Ephrata Landfill Remediation	Grant County - Public Works	5	Tcpa-1921-Grcopw-00052	2,366,000	231,000	2,597,000	Grant to continue to support remedial investigation, feasibility study, and interim action activities started in the previous grant and move into engineering design.
Grays Harbor	19	4987	Weyerhaeuser Sawmill Aberdeen	Grays Harbor - Historical Seaport Authority	Not Ranked	TCPRA-2018-GrHSA-00039	-	845,000	845,000	Grant to build to continue cleanup of dioxins, mercury, petroleum hydrocarbons, and polychlorinated biphenyls from an old sawmill. This project would provide funding for engineering and design work and cleanup of the site. Ultimately, the GHSA plans to redevelop the site into a community asset that provides public access to the waterfront.
King	1	427	Bothell Service Center Simon and Son	City of Bothell - Public Works	Not Ranked	Tcpa-1921-Bothpw-00011	-	1,356,000	1,356,000	Grant to continue the cleanup of former dry cleaning contaminants are in the groundwater and soil. The final cleanup action plan proposes to clean up the site using thermal treatment (Electrical Resistance Heating or ERH), along with recirculating groundwater pump and treat, bioremediation, and targeted soil excavations and soil vapor extraction.
King	1	3013	Bothell Landing	City of Bothell - Public Works	2	Tcpa-2015-Bothpw-00002	-	20,000	20,000	Grant to perform remedial investigation and feasibility study, implement interim actions, prepare a draft cleanup action plan, and implement the final cleanup action plan at the Bothell Landing Site in Bothell, Washington.

OVERSIGHT REMEDIAL ACTION GRANTS										
County	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	WARM Ranking	Remedial Action Grant Number	State Building Construction Account (SBCA)	Model Toxics Control Capital Account	Total	Brief Description of Work
King	1	3051	Bothell Paint & Decorating	City of Bothell - Public Works	1	Tcpa-2015-Bothpw-00029	-	9,000	9,000	Grant to perform remedial investigation and feasibility study; implement interim actions, prepare a draft cleanup plan, and implement the final cleanup action plan at the Bothell Paint & Decorating Site in Bothell, Washington.
King	1	3172	Ultra Custom Cleaners	City of Bothell - Public Works	3	Tcpa-2015-Bothpw-00039	-	232,000	232,000	Grant to perform remedial investigation and feasibility study, implement interim actions, and prepare a draft cleanup plan at the Bothell Ultra Custom Care Cleaners Site in Bothell Washington.
King	1	6240	Former Riverside	City of Bothell - Public Works	2	TCpra-2016-BothPW-00025	-	87,000	87,000	Grant to perform a remedial investigation and feasibility study, implement interim actions, and prepare a draft cleanup action plan for the Bothell Riverside Site in Bothell, Washington.
King	11: 64% 34: 35%	1643	LDW Sediment Remediation	City of Seattle - Public Utilities Department	0	TCpra-2019-SeaPUD-00056	-	590,000	590,000	Grant to conduct remedial actions at the Lower Duwamish Waterway (LDW) Superfund Site, including Site-wide pilot studies, design, construction, and implementation of institutional controls.
King	43	2876	Gas Works Parks Sediment Cleanup	City of Seattle - Public Utilities Department	1	Tcpa-2014-Seapud-00031	-	415,000	415,000	Grant to conduct the sediment Remedial Investigation/Feasibility Study to address sediments offshore of the Gas Works Uplands that have been impacted by historical industrial practices and contamination from the historical manufactured gas plant (MGP), tar refinery, and other industrial activities located within the Gas Works Uplands.
King	11	1324	South Park Landfill	City of Seattle - Public Utilities Department	2	Tcpa-2014-Seapud-00036	-	96,000	96,000	Grant to conduct Remedial Investigation, Feasibility Study, develop a Cleanup Action Plan, and conduct interim cleanup actions for the South Park Landfill.
King	11	4765	North Boeing Field Georgetown Steam Plant	City of Seattle - Public Utilities Department	5	Tcpa-2014-Seapud-00067	-	4,000	4,000	Grant for North Boeing Field/Georgetown Steam Plant project to complete Remedial Investigation/Feasibility Study and Cleanup Action Plan.

OVERSIGHT REMEDIAL ACTION GRANTS										
County	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	WARM Ranking	Remedial Action Grant Number	State Building Construction Account (SBCA)	Model Toxics Control Capital Account	Total	Brief Description of Work
King	11	1385	Terminal 117 Sediments	Port of Seattle - Seaport Environmental Program	0	Tcptra-2014-Sepsep-00051	-	66,000	66,000	Grant to conduct remedial Design/removal Action and implementation for the Upland and Sediments portions of the site at T117.
King	34	1229	Terminal 115	Port of Seattle - Seaport Environmental Program	5	Tcptra-2014-Sepsep-00052	-	106,000	106,000	Grant scope of work under the Agreed Order for T115N involves completing an approved Remedial Investigation (RI), Feasibility Study (FS) and Draft Cleanup Action Plan (DCAP) to provide for the selection of a cleanup alternative. The purpose of the RI/FS and DCAP for the site is to provide sufficient data, analysis, and evaluations to enable cleanup alternative selection for the site.
King	33	2008	Lora Lake Apartment	Port of Seattle - Seattle-Tacoma International Airport	1	TCpra-2018-SpSTIA-00042	78,000	2,323,000	2,401,000	Grant to continue the cleanup of past industrial activity at the site of the former Lora Lake Apartments, including the area of Lora Lake, and the Lora Lake dredged material containment area.
King	11: 63% 34: 36%	1643	Lower Duwamish Waterway	Seattle City Light	0	Tcptra-2014-Secili-00059	-	271,000	271,000	Grant to conduct Feasibility Study, remedy selection, engineering design, and cleanup construction at the Lower Duwamish Waterway superfund & MTCA site.
King	11	1385	Terminal 117 Early Action Area	Seattle City Light	0	Tcptra-2014-Secili-00062	-	3,000	3,000	Grant to conduct engineering design and cleanup construction activities at Terminal 117 Streets, Yards, & Sediments.
Kitsap	35	4487	Crownhill Elementary	Bremerton School District	Not Ranked	Tcptra-2014-Bremesd-00028	-	19,000	19,000	Grant to implement the Cleanup Action Plan for Crownhill Elementary School Site as required under the Agreed Order No. DE 11107.
Mason	35	2295	'C' - Street Landfill	City of Shelton - Public Works Department	3	TCpra-2014-ShelPW-00050	-	215,000	215,000	Grant to perform Remedial Investigation/Feasibility Study, potential interim action(s), and preparation of a draft Cleanup Action Plan for the C-Street Landfill project.

OVERSIGHT REMEDIAL ACTION GRANTS										
County	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	WARM Ranking	Remedial Action Grant Number	State Building Construction Account (SBCA)	Model Toxics Control Capital Account	Total	Brief Description of Work
Pierce	27	743	Alexander Ave	Port of Tacoma	3	TCPRA-2018-TacoPo-00031	150,000	-	150,000	Grant to conduct a remedial investigation/feasibility study has been completed and this funding will go toward developing and implementing a cleanup action plan. The site was operated as two adjacent bulk petroleum storage and distribution centers from the 1930s through the 1980s.
Pierce	27	3405	Arkema/Dunlap Mound	Port of Tacoma	1	TCPRA-2015-Tacopo-00027	-	203,000	203,000	Grant to conduct completion of remedial investigation, feasibility study, and completion of the Cleanup Action Plan at the Arkema/Dunlap Mound Site.
Pierce	27	2395	Earley Business Center	Port of Tacoma	5	TCPRA-2018-TacoPo-00030	150,000	-	150,000	Grant to provides additional grant funds for the on-going site investigation and cleanup activities for multiple sites at the Port of Tacoma. The Earley Business Center has had a variety of business and industries on-site including shipbuilding during World War I and World War II. Contaminants include chlorinated solvents, PCBs, pesticides, and metals.
Pierce	27	3642	Parcel 15 Investigation, Portac Inc.	Port of Tacoma	Not Ranked	TCPRA-2018-TacoPo-00029	230,000	-	230,000	Grant to conduct Remedial Investigation, Feasibility Study, and Draft Cleanup Action Plan for a former log yard located at 4215 SR 509 N. Frontage Road, Port Parcel 15, also known as Portac Inc.
Pierce	27	3642	Parcel 15 Investigation, Portac Inc.	Port of Tacoma	Not Ranked	TCPRA-1921-TacoPo-00025	-	27,000	27,000	Grant to continue Remedial Investigation, Feasibility Study, and Draft Cleanup Action Plan for a former log yard located at 4215 SR 509 N. Frontage Road, Port Parcel 15, also known as Portac Inc.
Skagit	40	5174	Dakota Creek Industries Shipyard	Port of Anacortes	1	Tcpa-2014-Anacpo-00047	-	69,000	69,000	Grant to continue Remedial Investigation/Feasibility Study. The Port has completed several rounds of investigation under the Agreed Order to fill data gaps identified by Ecology. The Port will continue implementing the Agreed Order Scope of Work including completion of the Remedial Investigation/Feasibility Study and draft Cleanup Action Plan. Final cleanup actions, as determined by the Cleanup Action Plan, will be completed under a Consent Decree.

Oversight & Independent Remedial Action Grants: Financial Tables

OVERSIGHT REMEDIAL ACTION GRANTS										
County	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	WARM Ranking	Remedial Action Grant Number	State Building Construction Account (SBCA)	Model Toxics Control Capital Account	Total	Brief Description of Work
Skagit	40	5174	Dakota Creek Industries Shipyard	Port of Anacortes	1	TCpra-2018-AnacPo-00053	27,000	-	27,000	Grant to continue to support final completion of the remedial investigation/feasibility and cleanup action plan for upland cleanup activities for the site and potentially upland cleanup. The site includes uplands and sediments. It has been used for industrial and shipyard activities since approximately 1879. From approximately 1925 to 1969, several above-ground storage tanks were present on the upland portion and used for bulk fuel storage and distribution.
Skagit	40	3604	Anacortes Port Log Yard	Port of Anacortes	2	Tcpa-2014-Anacpo-00048	-	9,000	9,000	Grant to establish a work plan for the Remedial Investigation/ Feasibility Study under an Agreed Order. The Agreed Order Scope of Work requires the Port to complete a Remedial Investigation/Feasibility Study and draft Cleanup Action Plan for the Site. Final cleanup actions, as determined by the Cleanup Action Plan, will be completed under a Consent Decree.
Skagit	40	12482	Quiet Cove	Port of Anacortes	2	Tcpa-2014-Anacpo-00049	-	9,000	9,000	Grant to develop and conduct a Remedial Investigation/Feasibility Study and a draft final Cleanup Action Plan to address both upland and potential in-water contamination for the site.
Skagit	40	12482	Quiet Cove	Port of Anacortes	2	Tcpa-2018-Anacpo-00052	1,747,000	-	1,747,000	Grant to conduct an interim action will be completed to address upland soil and groundwater contamination identified during the remedial investigation field study conducted under Agreed Order No. DE11346 with ECOLOGY. Upon completion of the Interim Action, work will resume completing the remaining Agreed Order activities, including an RI/FS Report and draft Cleanup Action Plan for the overall Site.
Skagit	10	1671	Taxiway F - Skagit County Regional Airport	Port of Skagit County	2	TCpra-2015-SkagiCp-00042	-	7,000	7,000	Grant to conduct performance monitoring at Taxiway F in Burlington Washington. Cleanup standards for dinoseb and 2-methyl-4 chlorophenoxy-acetic acid (MCPA) has not yet been achieved at all sampling locations.
Skagit	40	304	Whitmarsh (March Point) Landfill	Skagit County - Public Works Department	2	Tcpa-2014-Skcpw-00058	-	7,000	7,000	Grant to conduct Remedial Investigation/Feasibility Study and development of a cleanup action plan for Whitmarsh (March Point) Landfill.

**Oversight & Independent Remedial Action Grants: Financial Tables**

OVERSIGHT REMEDIAL ACTION GRANTS										
County	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	WARM Ranking	Remedial Action Grant Number	State Building Construction Account (SBCA)	Model Toxics Control Capital Account	Total	Brief Description of Work
Snohomish	38	3862	Everett Landfill Tire Fire	City of Everett	1	Tcpra-1921-Everpw-00080	-	146,000	146,000	Grant to provide oversight of developer compliance with the terms of the Consent Decree for landfill gas and groundwater protection, cover compliance, necessary revisions to the sampling and analysis plan, and operations and maintenance of the gas and leachate control systems.
Snohomish	38	2146	Weyerhaeuser Mill A (Former)	Port of Everett	Not Ranked	Tcpra-2015-Everpo-00032	-	591,000	591,000	Grant to perform Interim actions to support infrastructure development and marine terminal expansion efforts. And remedial investigations are being conducted to characterize the nature and extent of contamination at the Weyerhaeuser Mill A Site in Everett WA.
Snohomish	38	2146	Weyerhaeuser Mill A (Former)	Port of Everett	Not Ranked	Tcpra-1921-Everpo-00090	-	160,000	160,000	Grant and loan combination to continue a Feasibility Study, Consent Decree, Engineering design for the Former Weyerhaeuser Mill A Site in Everett, Washington. CSID 2146. Site Address: 3500 Terminal Ave in Everett, WA.
Snohomish	38	2581	Bay Wood Products	Port of Everett	4	Tcpra-2015-Everpo-00031	-	10,000	10,000	Grant to complete the Feasibility Study and cleanup action plan development at the Bay Wood Products site in Everett, Washington, and initiating cleanup under a Consent Decree.
Snohomish	38	2581	Bay Wood Products	Port of Everett	4	TCPRA-2019-EverPo-00058	-	820,000	820,000	Grant to complete interim actions at the Bay Wood Products Site in Everett, Washington under the Second Amendment to Agreed Order No. DE5490. CSID 2581.
Snohomish	38	3546	North Marina Ameron/Hulbert Site	Port of Everett	1	TCPRA-2015-EverPo-00030	-	166,000	166,000	Grant to conduct upgrade of the stormwater trunk line that includes the removal and disposal of contaminated soil at the Ameron/Hulbert Site.
Snohomish	38	3546	North Marina Ameron/Hulbert Site	Port of Everett	1	Tcpra-2018-Everpo-00055	40,000	-	40,000	Grant to complete engineering design and final cleanup of the North Marina Ameron Hulbert site in Everett Washington. The Cleanup Site Id (CSID) for this Site is 3546.
Thurston	22	4228	Sollid Wood Inc.	Olympia	2	Tcpra-2015-Olympd-00060	-	5,000	5,000	Grant to conduct a remedial investigation and initial assesment activities under Agreed Order No. DE-08-TCPSR-5415The Solid Wood Site is a former industrial waterfront property located on West Bay in Olympia, Washington.

OVERSIGHT REMEDIAL ACTION GRANTS										
County	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	WARM Ranking	Remedial Action Grant Number	State Building Construction Account (SBCA)	Model Toxics Control Capital Account	Total	Brief Description of Work
Thurston	22	2245	Budd Inlet Sediment	Port of Olympia - Environmental Programs	Not Ranked	TCpra-2015-Olypep-00024	-	34,000	34,000	Grant to define the nature and extent of contamination and identify cleanup alternatives in a defined Study Area within the Budd Inlet Sediments Site, a Puget Sound Initiative site. The Port anticipates either amending the existing Agreed Order or entering into a new Agreed Order with the Department of Ecology to implement cleanup within the Study Area in the future.
Walla Walla	16	2485	Sudbury Road Landfill	City of Walla Walla	Not Ranked	TCpra-2015-WalWal-00050	-	6,000	6,000	Grant to conduct cleanup action at the Sudbury Road Landfill to address contaminants in groundwater. The nature and extent of the contamination was characterized in the remedial investigation and feasibility study previously conducted under Agreed Order # 8456. The cleanup action requirements are described in the Cleanup Action Plan (CAP) which is an exhibit to the Consent Decree #152005368 entered into on August 19, 2015. This project implements the CAP.
Whatcom	40	3928	RG Haley Intl Corp	City of Bellingham - City Attorney's Office	3	Tcpra-2014-Belcao-00026	-	416,000	416,000	Grant to conduct assessment and cleanup activities at the R.G. Haley International Corporation site under an agreed order. The boundary between the upland and aquatic portions of the site is defined by the mean higher high water line.
Whatcom	42	1897	Eldridge Municipal Landfill	City of Bellingham - City Attorney's Office	Not Ranked	TCpra-2015-Belcao-00059	-	1,000	1,000	Grant to conduct cleanup actions at the Eldridge Municipal Landfill Site and post construction monitoring, operation and maintenance.
Whatcom	40	4606	South State Street Manufactured Gas Plant	City of Bellingham - Parks and Recreation	1	Tcpra-2014-Belcpr-00057	-	33,000	33,000	Grant to develop a Remedial Investigation and Feasibility Study, Cleanup Action Plan, Pre-Remedial Design Investigation, Engineering Design & Permitting and Construction Plans and Specifications preparation necessary to support the MTCA cleanup at the South State Street Manufactured Gas Plant cleanup site.

Oversight & Independent Remedial Action Grants: Financial Tables

OVERSIGHT REMEDIAL ACTION GRANTS										
County	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	WARM Ranking	Remedial Action Grant Number	State Building Construction Account (SBCA)	Model Toxics Control Capital Account	Total	Brief Description of Work
Whatcom	40	220	Cornwall Avenue Landfill	Port of Bellingham	2	Tcpa-2014-Bellpo-00003	-	267,000	267,000	Grant to conduct the remedial cleanup of the Cornwall Avenue Landfill site includes engineering, design, and permitting consistent with the Cleanup Action Plan incorporated into the site Consent Decree.
Whatcom	42	2012	I & J Waterway	Port of Bellingham	Not Ranked	Tcpa-2014-Bellpo-00044	-	302,000	302,000	Grant to investigate the nature and extent of contamination, study cleanup alternatives, develop a cleanup action plan, and design Ecology's selected cleanup action. Work to be performed in accordance with a legal agreement (Agreed Order No. DE 1090) between Ecology and the Port.
Whatcom	42	1785	Weldcraft Steel & Marine	Port of Bellingham	1	Tcpa-2014-Bellpo-00060	-	17,000	17,000	Grant to cleanup the in-water portion of the site finished in 2006 as an Interim Action. The Remedial Investigation and Feasibility Study were completed for the overall Site in 2015. A Cleanup Action Plan will be prepared for the remainder of the site and the final cleanup action will be conducted under either an Agreed Order or Consent Decree. Implementation of the final cleanup will require engineering design, permitting, construction plans, and specs and compliance monitoring.
Whatcom	40: 75% 42: 24%	219	Whatcom Waterway	Port of Bellingham	1	Tcpa-2014-Bellpo-00065	-	500,000	500,000	Grant to design and implement Ecology's selected cleanup action. Work to be performed in accordance with a legal agreement between Ecology and the City of Bellingham, the Department of Natural Resources, and Meridian-Pacific Highway L.L.C.
Whatcom	42	3418	Central Waterfront	Port of Bellingham	2	Tcpa-2014-Bellpo-00066	-	214,000	214,000	Grant to conduct investigation of the nature and extent of contamination, study cleanup alternatives, develop a cleanup action plan, and design Ecology's selected cleanup action. Work to be consistent with legal agreement (Agreed Order No. DE 3441) between Ecology, Port of Bellingham, and City of Bellingham.



Oversight & Independent Remedial Action Grants: Financial Tables

OVERSIGHT REMEDIAL ACTION GRANTS										
County	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	WARM Ranking	Remedial Action Grant Number	State Building Construction Account (SBCA)	Model Toxics Control Capital Account	Total	Brief Description of Work
Whatcom	40: 1% 42: 98%	2279	GP West	Port of Bellingham	5	Tcpa-2015-Bellpo-00003	-	24,000	24,000	Grant to study cleanup alternatives, develop a cleanup action plan, and design selected cleanup action. For the Pulp and Tissue Mill area: implement selected cleanup action including ongoing groundwater monitored natural attenuation compliance monitoring. Work to be performed in accordance with legal agreements (Agreed Order No. DE 6834 and Consent Decree No. 14 2 02700 8) between Ecology and the Port.
Whatcom	40	193	Harris Avenue Shipyard	Port of Bellingham	2	TCpra-2016-BellPo-00018	-	49,000	49,000	Grant to conduct a Remedial Investigation and Feasibility Study. A Cleanup Action Plan will be prepared for the remainder of the site and the final cleanup action will be conducted under either an Agreed Order or Consent Decree. Implementation of the final cleanup will require engineering design, permitting, construction plans, and specs and compliance monitoring.
Whatcom	42	63	Blaine Marina Tank Farm	Port of Bellingham	3	TCpra-2018-BellPo-00036	148,000	-	148,000	Grant to conduct cleanup of the Blaine Marina Tank Farm Site, including cleanup construction, bioremediation, and monitored natural attenuation consistent with the developed Cleanup Action Plan and legal agreements, include Agreed Order and Consent Decree.
Whatcom	42	2205	Westman Marine	Port of Bellingham	1	Tcpa-2015-Bellpo-00043	-	39,000	39,000	Grant to conduct Remedial Action under the MTCA to clean up the Westman Marine, Inc. site in Blaine, WA consistent with Agreed Order No. DE 9001. The work is to include completion of a Remedial Investigation, Feasibility Study, development of a Cleanup Action Plan, Consent Decree or Agreed Order Amendment development as needed and applicable, and an Engineering Design Report.
Yakima	15	11423	Sunnyside Municipal Airport	City of Sunnyside	Not Ranked	TCpra-2018-Sunnys-00049	-	46,000	46,000	Grant to complete a Remedial Investigation, Feasibility Study, Cleanup Action Plan and identified remedial actions to restore the Site to a condition protective of human health and the environment. The Site (CSID 11423) is conducted under Agreed Order DE 9746. The Site is located at 3318 E Edison Road in Sunnyside, Washington.

**Oversight & Independent Remedial Action Grants: Financial Tables**

OVERSIGHT REMEDIAL ACTION GRANTS										
County	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	WARM Ranking	Remedial Action Grant Number	State Building Construction Account (SBCA)	Model Toxics Control Capital Account	Total	Brief Description of Work
Yakima	14: 66% 15: 33%	3853	Interstate 82 Exit 33A Yakima City Landfill	City of Yakima - Office of City Manager	5	TCPRA-1921-YakiCM-00126	-	913,000	913,000	Grant to perform actions that result in the capping and/or removal of all contamination at the Site in order to develop the property. Interstate 82 Exit 33A (a.k.a. Yakima Resources; Gateway Shopping Center) (CSID# 3853/FSID# 1927) is an old landfill located at 805 North 7th Street, Yakima.
Yakima	15	4919	Tiger Oil 24th Ave & W Nob Hill Site	City of Yakima - Office of City Manager	1	TCPRA-2015-YakiCM-00058	284,000	22,000	306,000	Grant to investigate and clean up the on-site contamination. The City acquired the site in 2014 with the expressed purpose of cleaning up the site to promote redevelopment of the vacant, dilapidated, and contaminated commercial property.
<b>OVERSIGHT REMEDIAL ACTION GRANTS SUBTOTALS</b>							<b>5,220,000</b>	<b>13,410,000</b>	<b>18,630,000</b>	

**Note:** Totals may not add due to rounding.

INDEPENDENT REMEDIAL ACTION GRANTS										
County	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	WARM Ranking	Remedial Action Grant Number	State Building Construction Account (SBCA)	Model Toxics Control Capital Account	Total	Brief Description of Work
Pierce	27	12084	Washington Elementary	Tacoma School District No. 10	Not Ranked	Tcpa-2018-TSDN10-00048	-	144,000	144,000	Grant funded contaminated soil removal via mass excavation and the environmental condition of the property was determined to be in compliance with the MTCA cleanup levels based on post remediation confirmation sampling. Due to planned building renovations and the location within ASARCO Tacoma Smelter Plume, the Site was flagged for potentially contaminated soil. Preliminary sampling of the property indicated that concentrations of arsenic and lead in soil exceeded the MTCA method A cleanup levels.
Pierce	25	12722	Oxbow Site	City of Fife	Not Ranked	Tcpa-1921-Fife-00004	-	180,000	180,000	Grant supported independent cleanup of soil and groundwater contamination caused by a septic feature with petroleum contamination discovered during wetland restoration and channel excavation along Wapato Creek.
Snohomish	38	2224	North Marina Bayside	Port of Everett	Not Ranked	Tcpa-1921-Everpo-00094	-	159,000	159,000	Grant funded an independent cleanup of the ABW Site under the MTCA Voluntary Cleanup Program. VCP Project Number: NW2842, Cleanup Site ID Number: 2224.
Whatcom	42	13175	Bham SD 317 Iowa Street	Bellingham School District	Not Ranked	Tcpa-1921-Bsd-00068	-	154,000	154,000	Grant to fund independent remedial actions (investigations and interim actions) at the Bellingham School District (BSD) Site at 317 Iowa Street in Bellingham WA.
Whatcom	42	13174	Bham SD Ohio Street	Bellingham School District	Not Ranked	Tcpa-1921-Bsd-00072	-	203,000	203,000	Grant to fund independent Remedial Actions at the Bellingham SD 310 Ohio Street Site under NW3155.
<b>INDEPENDENT REMEDIAL ACTION GRANTS SUBTOTALS</b>							-	<b>840,000</b>	<b>840,000</b>	

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## **Appendix D: Integrated Planning Grants (IPG) Financial Table**

- Chapter 4 discusses this table.
- Refer to Acronyms & Abbreviations at the beginning of this report for acronyms found in this appendix.

**Integrated Planning Grants (IPG) Financial Table**

INTEGRATED PLANNING GRANTS (IPGs)											
County	WARM Ranking (1-5)	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	Remedial Action Grant Number	Start Date	End Date	Model Toxics Control Capital Account	Total	Brief Description of Work
Benton	Not Ranked	16	11314	City of Kennewick Maintenance Department Affordable Housing	City of Kennewick	TCPHH-1921-Kennew-00152	8/19/2021	12/30/2022	35,900	35,900	Grant to evaluate the potential for redeveloping the East 10th Avenue Maintenance Yard (CSID 11314) into the Kennewick Housing Authority (KHA) Multi-Family Housing Complex. The City of Kennewick has used the 9.7 acre property as a maintenance yard since the late 1950s.
Chelan	3	12	4712	WSU Tree Fruit Research Center Property Redevelopment	City of Wenatchee	TCPRA-1921-Wenatc-00149	3/1/2018	6/30/2021	199,600	199,600	Grant to evaluate the potential acquisition and redevelopment of a property formerly used for tree fruit research into a community asset that will support affordable housing for the growing researcher and student population. Redevelopment would support the City of Wenatchee's goals for infill development and the larger goals of Washington State under the Growth Management Act.
Cowlitz	Not Ranked	19	9152	Marine Terminal Berth 4 Silo Complex Redevelopment	Port of Longview	TCPRA-2018-LongPo-00033	2/28/2018	6/30/2021	49,200	49,200	Grant to support an integrated planning approach to remediate and redevelop the former bulk loading terminal at Berth 4 and surrounding upland properties. The Port of Longview will conduct an environmental assessment of the silo complex at Berth 4 and a technical analysis of buildings and infrastructure to support redevelopment planning.

**Integrated Planning Grants (IPG) Financial Table**

INTEGRATED PLANNING GRANTS (IPGs)											
County	WARM Ranking (1-5)	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	Remedial Action Grant Number	Start Date	End Date	Model Toxics Control Capital Account	Total	Brief Description of Work
King	Not Ranked	37	2997	Seattle Chinatown International District Brownfields Remediation Planning	Seattle Chinatown International District Preservation and Development Authority	TCPRA-1921-SCIDpda-00136	7/1/2018	6/30/2021	193,400	193,400	Grant to provide financial assistance for site assessment and remediation planning activities for the Seattle Goodwill Industries property located in the Seattle Chinatown International District. This grant assisted the community with the potential redevelopment of an underutilized property for the purpose of creating affordable housing and commercial spaces.
San Juan	Not Ranked	40	14759	Albert Jensen and Sons Shipyard Redevelopment	Port of Friday Harbor	TCPRA-1921-FrHapo-00028	10/1/2018	12/31/2020	156,600	156,600	Grant to support investigation and planning activities at the Albert Jensen and Sons Shipyard is located at 1293 Turn Point Road in Friday Harbor, Washington. Contamination in upland soils and groundwater were confirmed above Model Toxics Control Act cleanup levels. Marine sediments are also contaminated at concentrations exceeding state Sediment Management Standards.
Snohomish	1	10	5275	RAPLEE AND HAMILTON PROPERTIES	City of Stanwood	TCPRA-2018-Stanwo-00027	4/2/2018	6/30/2021	158,600	158,600	Grant to support integrated planning activities at the Raplee and Hamilton properties. The City of Stanwood is exploring the opportunity to acquire one parcel and convert two contaminated and blighted properties into community assets expanding thier park system while providing public access to the Stillaguamish River.

## Integrated Planning Grants (IPG) Financial Table

INTEGRATED PLANNING GRANTS (IPGs)											
County	WARM Ranking (1-5)	Leg Dist	CSID	2019-2021 Biennium Project Title	Grant Recipient	Remedial Action Grant Number	Start Date	End Date	Model Toxics Control Capital Account	Total	Brief Description of Work
Spokane	Not Ranked	3	8615	Hillyard Industrial Brownfield Redevelopment	City of Spokane	TCpra-2018-SpoPDS-00026	5/1/2018	6/30/2021	274,600	274,600	Grant to support environmental due diligence, remedial investigation, property condition assessment, developing a cleanup strategy, preliminary site planning, and redevelopment strategy to position the Hillyard Industrial Brownfield Site for redevelopment.
Whatcom	2	40 - 5% 42 - 94%	10021	Bellingham Healthy Housing Project	Port of Bellingham	TCPIP-1921-Bellpo-00001	9/24/2019	6/30/2023	100,500	100,500	Grant to support programming, cleanup, and redevelopment of approximately 3-acres of property located at the corner of Cornwall Avenue and Laurel Street in Bellingham, Washington. The redevelopment is planned to include a mix of affordable housing, workforce housing, work-live spaces, ground-floor commercial, a community kitchen, work force training, and public open space.
<b>INTEGRATED PLANNING GRANT TOTALS</b>									<b>1,168,400</b>	<b>1,168,400</b>	

**Note:** Totals may not add due to rounding.



## **Appendix E: Ecology-Conducted and/or Contracted Site Work Financial Table**

- Chapter 4 discusses this table.
- Site status reflects information in Ecology’s Integrated Site Information System (ISIS) database as of September 13, 2021, which represents a close-out date of June 30, 2019.
- Refer to Acronyms & Abbreviations at the beginning of this report for acronyms found in this appendix.

<b>Adams County</b>									
<b>Site:</b> Truman property assessment			<b>Status:</b>		<b>Rank:</b>		<b>LD:</b> 9	<b>CSID:</b> -99056	<b>FSID:</b>
<b>Activities / Phase:</b> Remedial Investigations, Site Hazard Assessment/Initial Investigation									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$35,218	\$35,218				\$0	\$35,218
<b>Benton County</b>									
<b>Site:</b> BEAR MART AUTO SALES			<b>Status:</b> Cleanup Started		<b>Rank:</b> 2		<b>LD:</b> 8	<b>CSID:</b> 7700	<b>FSID:</b> 6411794
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$8,892	\$8,892	\$8,892
<b>Site:</b> CBC WSU Nurse Training Facility			<b>Status:</b> Awaiting Cleanup		<b>Rank:</b> 3		<b>LD:</b> 8	<b>CSID:</b> 1373	<b>FSID:</b> 999978
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$9,399	\$9,399	\$9,399
<b>Site:</b> Jerrys Custom Mechanics			<b>Status:</b> Cleanup Started		<b>Rank:</b> 3		<b>LD:</b> 8	<b>CSID:</b> 4282	<b>FSID:</b> 85292259
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$8,308	\$8,308	\$8,308

<b>Benton County (continued)</b>									
<b>Site: US BANK FACILITY</b>			<b>Status: Cleanup Started</b>		<b>Rank: 3</b>	<b>LD: 8</b>	<b>CSID: 6105</b>	<b>FSID: 44976422</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$11,136	\$11,136	\$11,136
<b>Site: US GSA Richland Federal Bldg US</b>			<b>Status: Cleanup Started</b>		<b>Rank:</b>	<b>LD: 8</b>	<b>CSID: 6850</b>	<b>FSID: 91679255</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$5,436	\$5,436	\$5,436
<b>Site: WA DOT SR 240 Richland Wye Project</b>			<b>Status: Cleanup Started</b>		<b>Rank:</b>	<b>LD: 8</b>	<b>CSID: 1086</b>	<b>FSID: 3567719</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$5,352	\$5,352	\$5,352
<b>Site: WELLSIAN WAY WELL FIELD</b>			<b>Status: Cleanup Started</b>		<b>Rank: 2</b>	<b>LD: 8</b>	<b>CSID: 4083</b>	<b>FSID: 329</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$4,956	\$4,956	\$4,956

Chelan County									
Site: Cameo Residential Development			Status: Awaiting Cleanup		Rank: 12	LD: 12	CSID: 15067	FSID: 88751	
Activities / Phase: Feasibility Study & Remedy Selection, Program Support									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$225,000	\$225,000				\$0	\$225,000
Site: Chelan Sewer Pump Station No 1			Status: Cleanup Started		Rank: 5	LD: 12	CSID: 5772	FSID: 25558882	
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$3,013	\$3,013	\$3,013
Site: Ray Rock Grocery			Status: Cleanup Started		Rank: 5	LD: 12	CSID: 10237	FSID: 71399884	
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$10,876	\$10,876	\$10,876
Clark County									
Site: Burlington Environmental LLC Washougal			Status: Cleanup Started		Rank: 1	LD: 18	CSID: 2796	FSID: 1018	
Activities / Phase: Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$91,504	\$91,504				\$0	\$91,504

<b>Clark County (continued)</b>									
Site: TIME OIL HANDY ANDY 8			Status: CC-Perf. Monitoring		Rank: 1	LD: 49	CSID: 4981	FSID: 1063	
Activities / Phase: Post Construction Operation & Maint/Monitoring									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$44,620	\$44,620			\$282,216	\$282,216	\$326,836
Site: US ARMY Camp Bonneville RAU-2A			Status: NFA		Rank: 1	LD: 18	CSID: 3867	FSID: 47197	
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$8,969	\$8,969				\$0	\$8,969
<b>Cowlitz County</b>									
Site: INTERNATIONAL PAPER LONGVIEW			Status: Cleanup Started		Rank: 1	LD: 19	CSID: 3685	FSID: 1080	
Activities / Phase: Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$62,410	\$62,410				\$0	\$62,410
<b>Island County</b>									
Site: Cornet Bay Marina			Status: NFA		Rank: 5	LD: 10	CSID: 5048	FSID: 2011	
Activities / Phase: Legislatively Directed Investments									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$3,263	\$3,263	\$3,263

King County									
Site: 8801 E Marginal Way S			Status: Cleanup Started		Rank: 1	LD: 11	CSID: 5056	FSID: 2072	
Activities / Phase: Feasibility Study & Remedy Selection									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$18,318	\$18,318	\$18,318
Site: Boeing Auburn			Status: Cleanup Started		Rank: 3	LD: 30	CSID: 5049	FSID: 2018	
Activities / Phase: Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
\$59,042			\$16,111	\$75,153				\$0	\$75,153
Site: Boeing Field Chevron			Status: Cleanup Started		Rank: 3	LD: 11	CSID: 7030	FSID: 2551	
Activities / Phase: Feasibility Study & Remedy Selection									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$12,022	\$12,022	\$12,022
Site: Boeing Isaacson Thompson			Status: Cleanup Started		Rank: 2	LD: 11	CSID: 1944	FSID: 2218	
Activities / Phase: Feasibility Study & Remedy Selection									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$6,761	\$6,761	\$6,761

<b>King County (continued)</b>									
<b>Site: Boeing Kent Space Center</b>			<b>Status: Awaiting Cleanup</b>		<b>Rank: 33</b>	<b>LD: 33</b>	<b>CSID: 12671</b>	<b>FSID: 2099</b>	
<b>Activities / Phase:</b> Emergency Actions/Interim Actions									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$19,501	\$19,501				\$0	\$19,501
<b>Site: Boeing Military Flight Center</b>			<b>Status: Cleanup Started</b>		<b>Rank: 2</b>	<b>LD: 11</b>	<b>CSID: 12904</b>	<b>FSID: 14532</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$30,875	\$30,875	\$30,875
<b>Site: Bothell BP 11352</b>			<b>Status: CC-Perf. Monitoring</b>		<b>Rank: 3</b>	<b>LD: 1</b>	<b>CSID: 5084</b>	<b>FSID: 2302</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$105,751	\$105,751	\$105,751
<b>Site: Burlington Environmental LLC Georgetown</b>			<b>Status: Cleanup Started</b>		<b>Rank: 4</b>	<b>LD: 11</b>	<b>CSID: 2622</b>	<b>FSID: 4779679</b>	
<b>Activities / Phase:</b> Construction, Engineering Design									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$16,393	\$16,393				\$0	\$16,393

King County (continued)										
Site: Chevron 209335			Status: Cleanup Started		Rank: 1		LD: 43		CSID: 6537	FSID: 70996824
Activities / Phase: Remedial Investigations										
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds	
	\$3,688		\$5,408	\$9,096				\$0	\$9,096	
Site: Chevron 90129			Status: Cleanup Started		Rank: 1		LD: 43		CSID: 10632	FSID: 81966648
Activities / Phase: Feasibility Study & Remedy Selection, Remedial Investigations										
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds	
			\$2,422	\$2,422				\$0	\$2,422	
Site: Coldeen Old Gas Station			Status: Cleanup Started		Rank: 5		LD: 34		CSID: 11082	FSID: 92728218
Activities / Phase: Remedial Investigations										
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds	
	\$696		\$28,730	\$29,426				\$0	\$29,426	
Site: Crowley Marine Services 8th Ave S			Status: Cleanup Started		Rank: 2		LD: 11		CSID: 2520	FSID: 1940187
Activities / Phase: Feasibility Study & Remedy Selection, Remedial Investigations										
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds	
				\$0			\$18,885	\$18,885	\$18,885	



<b>King County (continued)</b>									
<b>Site: Douglas Management Dock</b>			<b>Status: Cleanup Started</b>		<b>Rank: 5</b>	<b>LD: 11</b>	<b>CSID: 6967</b>	<b>FSID: 97573251</b>	
<b>Activities / Phase:</b> Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$12,302	\$12,302	\$12,302
<b>Site: Duwamish Marine Center</b>			<b>Status: Cleanup Started</b>		<b>Rank: 1</b>	<b>LD: 11</b>	<b>CSID: 4146</b>	<b>FSID: 21945598</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$11,251	\$11,251	\$11,251
<b>Site: Duwamish Shipyard</b>			<b>Status: Cleanup Started</b>		<b>Rank: 2</b>	<b>LD: 34</b>	<b>CSID: 54</b>	<b>FSID: 2071</b>	
<b>Activities / Phase:</b> Site Hazard Assessment/Initial Investigation									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$7,386	\$7,386	\$7,386
<b>Site: Duwamish Waterway Park</b>			<b>Status: Cleanup Started</b>		<b>Rank:</b>	<b>LD: 11</b>	<b>CSID: 15139</b>	<b>FSID: 49919</b>	
<b>Activities / Phase:</b> Site Hazard Assessment/Initial Investigation									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$14,722	\$14,722	\$14,722

<b>King County (continued)</b>									
<b>Site: Emerald Gateway</b>			<b>Status: Cleanup Started</b>		<b>Rank: 5</b>	<b>LD: 11</b>	<b>CSID: 6584</b>	<b>FSID: 73338176</b>	
<b>Activities / Phase:</b> Emergency Actions/Interim Actions, Engineering Design, Post Construction Operation & Maint/Monitoring									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$6,237	\$6,237	\$6,237
<b>Site: Enterprises NW</b>			<b>Status: Cleanup Started</b>		<b>Rank: 4</b>	<b>LD: 11</b>	<b>CSID: 1201</b>	<b>FSID: 75996239</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$12,481	\$12,481	\$12,481
<b>Site: Gas Works Park</b>			<b>Status: Cleanup Started</b>		<b>Rank: 1</b>	<b>LD: 43</b>	<b>CSID: 2876</b>	<b>FSID: 139</b>	
<b>Activities / Phase:</b> Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$57,037	\$57,037	\$57,037
<b>Site: General Electric Aviation Div</b>			<b>Status: Cleanup Started</b>		<b>Rank: 2</b>	<b>LD: 11</b>	<b>CSID: 2446</b>	<b>FSID: 2522</b>	
<b>Activities / Phase:</b> Construction, Engineering Design, Feasibility Study & Remedy Selection									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$42,781	\$42,781				\$0	\$42,781

King County (continued)									
Site: Grand Street Commons			Status: Cleanup Started		Rank: 3	LD: 37	CSID: 3018	FSID: 97763114	
Activities / Phase: Construction, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$89	\$89			\$501,546	\$501,546	\$501,635
Site: Industrial Container Services WA LLC			Status: Cleanup Started		Rank: 4	LD: 11	CSID: 62	FSID: 2154	
Activities / Phase: Feasibility Study & Remedy Selection									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$23,668	\$23,668	\$23,668
Site: Issaquah PFAs/PFOA			Status:		Rank:	LD: 5	CSID: -99032	FSID:	
Activities / Phase: Legislatively Directed Investments									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$300,000	\$300,000	\$100,000		\$89,528	\$189,528	\$489,528
Site: Lower Duwamish Waterway			Status: Cleanup Started		Rank: 0	LD: 34	CSID: 1643	FSID: 42927743	
Activities / Phase: Feasibility Study & Remedy Selection, Other-Non Cleanup, Post Construction Operation & Maint/Monitoring, Program Support, Site Hazard Assessment/Initial Investigation									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$624,520	\$624,520	\$624,520

<b>King County (continued)</b>									
<b>Site: Mt Baker Properties</b>			<b>Status: Cleanup Started</b>		<b>Rank: LD: 37</b>	<b>CSID: 13054</b>		<b>FSID: 96127971</b>	
<b>Activities / Phase:</b> Construction									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$5,600,000	\$5,600,000	\$5,600,000
<b>Site: North Boeing Field Georgetown Steam Plant</b>			<b>Status: Cleanup Started</b>		<b>Rank: 5</b>	<b>LD: 11</b>		<b>CSID: 4765</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
\$20,743				\$20,743				\$0	\$20,743
<b>Site: Pillon Property</b>			<b>Status: Awaiting Cleanup</b>		<b>Rank: 1</b>	<b>LD: 11</b>		<b>CSID: 4119</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$481	\$481				\$0	\$481
<b>Site: QUENDALL TERMINALS</b>			<b>Status: Cleanup Started</b>		<b>Rank: 0</b>	<b>LD: 41</b>		<b>CSID: 3857</b>	
<b>Activities / Phase:</b> Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$19,904	\$19,904	\$19,904

<b>King County (continued)</b>									
<b>Site: Seattle Fire Station 25</b>			<b>Status: NFA</b>		<b>Rank: LD: 43</b>		<b>CSID: 8643</b>		<b>FSID: 29946537</b>
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$23,164	\$23,164	\$23,164
<b>Site: Seattle Public Utilities Midway Landfill</b>			<b>Status: CC-O&amp;M/Monitoring</b>		<b>Rank: 0 LD: 33</b>		<b>CSID: 4729</b>		<b>FSID: 2043</b>
<b>Activities / Phase:</b> Construction									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$1,062	\$1,062				\$0	\$1,062
<b>Site: Snopac Property</b>			<b>Status: Awaiting Cleanup</b>		<b>Rank: 2 LD: 11</b>		<b>CSID: 12463</b>		<b>FSID: 1523145</b>
<b>Activities / Phase:</b> Feasibility Study & Remedy Selection									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$11,541	\$11,541	\$11,541
<b>Site: South Park Landfill</b>			<b>Status: Cleanup Started</b>		<b>Rank: 2 LD: 11</b>		<b>CSID: 1324</b>		<b>FSID: 2180</b>
<b>Activities / Phase:</b> Construction, Post Construction Operation & Maint/Monitoring									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$60,172	\$60,172	\$60,172

King County (continued)									
Site: Wesmar Company Inc			Status: CC-O&M/Monitoring		Rank: 5	LD: 36	CSID: 1325	FSID: 2194	
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$245	\$245				\$0	\$245
Site: West of 4th			Status: Cleanup Started		Rank:	LD: 11	CSID: 12260	FSID: 47779679	
Activities / Phase: Construction, Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$28,116	\$28,116				\$0	\$28,116
Kitsap County									
Site: Blakely Harbor Park			Status: Awaiting Cleanup		Rank: 2	LD: 23	CSID: 14770	FSID: 60939	
Activities / Phase: Remedial Investigations, Site Hazard Assessment/Initial Investigation									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$132,171	\$132,171	\$132,171
Site: EAGLE HARBOR WYCKOFF			Status: Cleanup Started		Rank: 0	LD: 23	CSID: 2683	FSID: 152	
Activities / Phase: Construction, Other-Non Cleanup, Post Construction Operation & Maint/Monitoring									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$396,141	\$396,141	\$1,468,850		\$27,533	\$1,496,384	\$1,892,525

Kitsap County (continued)									
Site: Newmans Chevron			Status: Cleanup Started		Rank: 5	LD: 26	CSID: 5252	FSID: 1436359	
Activities / Phase: Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$9,406	\$9,406				\$0	\$9,406
Site: NRDA Projects -- Harper Estuary / Sinclair-Dyes Inlet			Status:		Rank:	LD: 26	CSID: -88888	FSID:	
Activities / Phase: Construction, Engineering Design, Feasibility Study & Remedy Selection, Legislatively Directed Investments, Legislatively Directed Investments and Other, Other-Non Cleanup, Post Construction Operation & Maint/Monitoring, Program Support									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0		\$530,748		\$530,748	\$530,748
Site: Port Gamble Bay and Mill Site			Status: Cleanup Started		Rank: 2	LD: 23	CSID: 3444	FSID: 93937775	
Activities / Phase: Legislatively Directed Investments									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$37,782	\$37,782	\$37,782
Site: Seitz Property			Status: Cleanup Started		Rank: 2	LD: 23	CSID: 1472	FSID: 6865393	
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$192	\$192				\$0	\$192

<b>Kittitas County</b>									
<b>Site: Cle Elum City</b>			<b>Status: Awaiting Cleanup</b>		<b>Rank: 3</b>	<b>LD: 13</b>	<b>CSID: 4762</b>	<b>FSID: 390</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$7,321	\$7,321	\$7,321
<b>Site: CWU Jongeward Services Building</b>			<b>Status: Cleanup Started</b>		<b>Rank: 2</b>	<b>LD: 13</b>	<b>CSID: 2609</b>	<b>FSID: 21589197</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0	\$12,819			\$12,819	\$12,819
<b>Site: Ellensburg City Shop</b>			<b>Status: Cleanup Started</b>		<b>Rank:</b>	<b>LD: 13</b>	<b>CSID: 6486</b>	<b>FSID: 66382145</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$5,627	\$5,627	\$5,627
<b>Site: Ellensburg City W 8th Ave ROW</b>			<b>Status: Awaiting Cleanup</b>		<b>Rank:</b>	<b>LD: 13</b>	<b>CSID: 1928</b>	<b>FSID: 77737583</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$3,836	\$3,836	\$3,836



<b>Kittitas County (continued)</b>									
<b>Site: Kittitas County Lower County Shop</b>			<b>Status: Awaiting Cleanup</b>		<b>Rank:</b>	<b>LD: 13</b>	<b>CSID: 13017</b>	<b>FSID: 61983379</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$6,134	\$6,134	\$6,134
<b>Klickitat County</b>									
<b>Site: Klickitat County Road Dept Goldendale Shop Wash Pad</b>			<b>Status: Cleanup Started</b>		<b>Rank: 3</b>	<b>LD: 14</b>	<b>CSID: 3497</b>	<b>FSID: 35691825</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$8,738	\$8,738	\$8,738
<b>Site: Klickitat Valley Sawmills Inc</b>			<b>Status: Cleanup Started</b>		<b>Rank: 2</b>	<b>LD: 14</b>	<b>CSID: 4200</b>	<b>FSID: 32313865</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$14,362	\$14,362	\$14,362
<b>Site: Layman Property</b>			<b>Status: Cleanup Started</b>		<b>Rank: 3</b>	<b>LD: 14</b>	<b>CSID: 7632</b>	<b>FSID: 5307756</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$3,625	\$3,625	\$3,625

<b>Lewis County</b>									
Site: RIFFE LAKE			Status: Cleanup Started		Rank:	LD: 20	CSID: 9890	FSID: 61559576	
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
	\$1,082		\$120	\$1,202				\$0	\$1,202
<b>Mason County</b>									
Site: Mason Pole Yard			Status: Cleanup Started		Rank:	LD: 35	CSID: 15268	FSID: 95581	
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$271,000	\$271,000				\$0	\$271,000
<b>Okanogan County</b>									
Site: Brewster School District 2019 Athletic Field			Status: Awaiting Cleanup		Rank:	LD: 12	CSID: 15016	FSID: 30909	
Activities / Phase: Construction									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$75,000	\$75,000	\$75,000
Site: Red Shirt Mill			Status: Cleanup Started		Rank: 1	LD: 12	CSID: 4473	FSID: 55648558	
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$3,890	\$3,890	\$3,890

<b>Pierce County</b>									
<b>Site: ALADDIN PLATING CO INC</b>			<b>Status: Cleanup Started</b>		<b>Rank: 2</b>	<b>LD: 27</b>	<b>CSID: 3257</b>	<b>FSID: 1277</b>	
<b>Activities / Phase:</b> Construction									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0	\$38,236		\$37,254	\$75,491	\$75,491
<b>Site: Asarco Tacoma Smelter Site</b>			<b>Status: Cleanup Started</b>		<b>Rank: 0</b>	<b>LD: 27</b>	<b>CSID: 3657</b>	<b>FSID: 89267963</b>	
<b>Activities / Phase:</b> Construction, Engineering Design, Other-Non Cleanup, Post Construction Operation & Maint/Monitoring									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0		\$3,928,112		\$3,928,112	\$3,928,112
<b>Site: COMMENCEMENT BAY NEARSHORE TIDEFLATS</b>			<b>Status: Cleanup Started</b>		<b>Rank: 0</b>	<b>LD: 27</b>	<b>CSID: 3032</b>	<b>FSID: 42</b>	
<b>Activities / Phase:</b> Construction, Engineering Design, Post Construction Operation & Maint/Monitoring									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
	\$221,362			\$221,362				\$0	\$221,362
<b>Site: LAKEWOOD PONDERS CORNER</b>			<b>Status: CC-O&amp;M/Monitoring</b>		<b>Rank: 0</b>	<b>LD: 29</b>	<b>CSID: 735</b>	<b>FSID: 224</b>	
<b>Activities / Phase:</b> Construction									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$1,754,257	\$1,754,257	\$1,754,257

<b>Pierce County (continued)</b>									
<b>Site: OCCIDENTAL CHEMICAL CORP</b>			<b>Status: Cleanup Started</b>		<b>Rank:</b>	<b>LD: 27</b>	<b>CSID: 4326</b>	<b>FSID: 1212</b>	
<b>Activities / Phase:</b> Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
\$23,498			\$126,648	\$150,146				\$0	\$150,146
<b>Site: Pacific Functional Fluids LLC Tacoma</b>			<b>Status: Cleanup Started</b>		<b>Rank: 1</b>	<b>LD: 27</b>	<b>CSID: 4329</b>	<b>FSID: 1239</b>	
<b>Activities / Phase:</b> Post Construction Operation & Maint/Monitoring									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$1,188,579	\$1,188,579	\$1,188,579
<b>Site: Pfas Jblm Lakewood Ponders</b>			<b>Status:</b>		<b>Rank:</b>	<b>LD: 28</b>	<b>CSID: -99051</b>	<b>FSID:</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$65,000	\$65,000	\$65,000
<b>Site: WELL 12A</b>			<b>Status: CC-Perf. Monitoring</b>		<b>Rank: 0</b>	<b>LD: 29</b>	<b>CSID: 135</b>	<b>FSID: 222</b>	
<b>Activities / Phase:</b> Post Construction Operation & Maint/Monitoring									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$8,847	\$8,847	\$8,847

Skagit County									
Site: Chevron 97502			Status: Cleanup Started		Rank: 2		LD: 39	CSID: 6368	FSID: 61112475
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$4,934	\$4,934				\$0	\$4,934
Site: CUSTOM PLYWOOD MILL			Status: Cleanup Started		Rank: 1		LD: 40	CSID: 4533	FSID: 2685
Activities / Phase: Engineering Design, Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$335,276	\$335,276	\$335,276
Site: Guemes Channel			Status:		Rank:		LD: 40	CSID: -99028	FSID:
Activities / Phase: Site Hazard Assessment/Initial Investigation									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$59,650	\$59,650	\$59,650
Site: Herbs Muffler & Tune Up Center			Status: Cleanup Started		Rank: 3		LD: 39	CSID: 7104	FSID: 60892684
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$49,592	\$49,592				\$0	\$49,592

Skagit County (continued)									
Site: MARCH POINT LANDFILL			Status: Cleanup Started		Rank: 2	LD: 40	CSID: 304	FSID: 2662	
Activities / Phase: Feasibility Study & Remedy Selection, Legislatively Directed Investments and Other									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$309	\$309				\$0	\$309
Snohomish County									
Site: BOEING EVERETT			Status: Cleanup Started		Rank: 2	LD: 38	CSID: 4534	FSID: 2703	
Activities / Phase: Construction, Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$51,578	\$51,578				\$0	\$51,578
Site: Everett Parks			Status:		Rank:	LD: 38	CSID: -99027	FSID:	
Activities / Phase: Construction									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0	\$299,252		\$22,196	\$321,448	\$321,448
Site: Everett Smelter			Status: Cleanup Started		Rank: 1	LD: 38	CSID: 4298	FSID: 2744	
Activities / Phase: Construction, Post Construction Operation & Maint/Monitoring, Site Hazard Assessment/Initial Investigation									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0		\$396,581		\$396,581	\$396,581

<b>Snohomish County (continued)</b>									
<b>Site: Filbert Drive Bothell</b>			<b>Status: NFA</b>		<b>Rank:</b>		<b>LD: 1</b>	<b>CSID: 10081</b>	<b>FSID: 66265148</b>
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$1,711	\$1,711				\$0	\$1,711
<b>Site: G &amp; G Meats</b>			<b>Status: NFA</b>		<b>Rank:</b>		<b>LD: 44</b>	<b>CSID: 10522</b>	<b>FSID: 78412773</b>
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$40,422	\$40,422				\$0	\$40,422
<b>Site: Jeld Wen</b>			<b>Status: Cleanup Started</b>		<b>Rank: 5</b>		<b>LD: 38</b>	<b>CSID: 4402</b>	<b>FSID: 2757</b>
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$245	\$245				\$0	\$245
<b>Site: Jiffy Lube Store 2068</b>			<b>Status: Cleanup Started</b>		<b>Rank:</b>		<b>LD: 32</b>	<b>CSID: 5805</b>	<b>FSID: 27496218</b>
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$7,368	\$7,368				\$0	\$7,368

Snohomish County (continued)									
Site: Kimberly-Clark Worldwide			Status: Cleanup Started		Rank: 4	LD: 38	CSID: 2569	FSID: 9	
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$245	\$245				\$0	\$245
Site: Sebranke-City of Stanwood			Status:		Rank:	LD: 10	CSID: -99055	FSID:	
Activities / Phase: Remedial Investigations, Site Hazard Assessment/Initial Investigation									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$49,797	\$49,797				\$0	\$49,797
Site: Weyerhaeuser Everett Mill E			Status: CC-Perf. Monitoring		Rank: 1	LD: 38	CSID: 2903	FSID: 12	
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$231	\$231				\$0	\$231
Spokane County									
Site: MARSHALL LANDFILL			Status: Cleanup Started		Rank: 4	LD: 6	CSID: 1022	FSID: 648	
Activities / Phase: Engineering Design, Feasibility Study & Remedy Selection									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0	\$44,243			\$44,243	\$44,243



<b>Spokane County (continued)</b>									
<b>Site: Spokane River Upriver Dam and Donkey Island</b>			<b>Status: CC-O&amp;M/Monitoring</b>		<b>Rank:</b>	<b>LD: 3</b>	<b>CSID: 4213</b>	<b>FSID: 65178472</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$78,106	\$78,106	\$78,106
<b>Stevens County</b>									
<b>Site: Colville Airport UST</b>			<b>Status:</b>		<b>Rank:</b>	<b>LD: 7</b>	<b>CSID: -99057</b>	<b>FSID:</b>	
<b>Activities / Phase:</b> Remedial Investigations, Site Hazard Assessment/Initial Investigation									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$19,120	\$19,120				\$0	\$19,120
<b>Site: COLVILLE POST &amp; POLES</b>			<b>Status: Cleanup Started</b>		<b>Rank: 3</b>	<b>LD: 7</b>	<b>CSID: 46</b>	<b>FSID: 765</b>	
<b>Activities / Phase:</b> Feasibility Study & Remedy Selection									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$4,959	\$4,959	\$4,959
<b>Site: LeRoi Co Smelter</b>			<b>Status: CC-O&amp;M/Monitoring</b>		<b>Rank: 1</b>	<b>LD: 7</b>	<b>CSID: 47</b>	<b>FSID: 767</b>	
<b>Activities / Phase:</b> Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$212,742	\$212,742	\$212,742

Thurston County									
Site: Olympia Brewery			Status: Cleanup Started		Rank:	LD: 22	CSID: 15023	FSID: 12255918	
Activities / Phase: Emergency Actions/Interim Actions									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$240,563	\$240,563	\$240,563
Walla Walla County									
Site: OLD MILTON SERVICE STATION			Status: NFA		Rank:	LD: 16	CSID: 5268	FSID: 1825211	
Activities / Phase: Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$34,145	\$34,145				\$0	\$34,145
Site: Schwerin Concaves Walla Walla			Status: Cleanup Started		Rank: 2	LD: 16	CSID: 3956	FSID: 11293827	
Activities / Phase: Construction, Engineering Design, Feasibility Study & Remedy Selection									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$743,508	\$743,508	\$743,508
Site: Stubblefield Salvage Yard			Status: Cleanup Started		Rank: 1	LD: 16	CSID: 4121	FSID: 1367331	
Activities / Phase: Feasibility Study & Remedy Selection, Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$36,578	\$36,578	\$36,578

<b>Whatcom County</b>										
<b>Site: Chevron 90619</b>			<b>Status: NFA</b>		<b>Rank: 4</b>		<b>LD: 42</b>		<b>CSID: 8836</b>	<b>FSID: 35363194</b>
<b>Activities / Phase:</b> Remedial Investigations										
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds	
			\$513	\$513				\$0	\$513	
<b>Site: Swift Creek</b>			<b>Status:</b>		<b>Rank:</b>		<b>LD: 42</b>		<b>CSID: -99025</b>	<b>FSID:</b>
<b>Activities / Phase:</b> Construction, Engineering Design, Legislatively Directed Investments, Other-Non Cleanup										
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds	
				\$0	\$4,628,400			\$4,628,400	\$4,628,400	
<b>Yakima County</b>										
<b>Site: Birchfield Rd USTs</b>			<b>Status: NFA</b>		<b>Rank:</b>		<b>LD: 15</b>		<b>CSID: 11891</b>	<b>FSID: 24043</b>
<b>Activities / Phase:</b> Remedial Investigations										
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds	
				\$0			\$7,910	\$7,910	\$7,910	
<b>Site: Gold Nugget Market</b>			<b>Status: Cleanup Started</b>		<b>Rank: 5</b>		<b>LD: 15</b>		<b>CSID: 5818</b>	<b>FSID: 28575673</b>
<b>Activities / Phase:</b> Remedial Investigations										
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds	
				\$0			\$5,745	\$5,745	\$5,745	

<b>Yakima County (continued)</b>									
<b>Site: La Rosita Bakery</b>			<b>Status: Cleanup Started</b>		<b>Rank: 2</b>	<b>LD: 15</b>	<b>CSID: 4924</b>	<b>FSID: 491</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$8,941	\$8,941	\$8,941
<b>Site: Monte De Sion Church</b>			<b>Status: Awaiting Cleanup</b>		<b>Rank:</b>	<b>LD: 15</b>	<b>CSID: 11948</b>	<b>FSID: 20838</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$3,388	\$3,388	\$3,388
<b>Site: Planters Hotel</b>			<b>Status: Awaiting Cleanup</b>		<b>Rank:</b>	<b>LD: 15</b>	<b>CSID: 12922</b>	<b>FSID: 8639</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$10,870	\$10,870	\$10,870
<b>Site: Selah Dump</b>			<b>Status: Awaiting Cleanup</b>		<b>Rank: 3</b>	<b>LD: 15</b>	<b>CSID: 3640</b>	<b>FSID: 497</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$4,218	\$4,218	\$4,218

<b>Yakima County (continued)</b>									
<b>Site: TONY'S AUTO REPAIR</b>			<b>Status: Awaiting Cleanup</b>		<b>Rank: 1</b>	<b>LD: 14</b>	<b>CSID: 1597</b>	<b>FSID: 548</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$3,607	\$3,607	\$3,607
<b>Site: White Pass Ski Area Eastside</b>			<b>Status: Cleanup Started</b>		<b>Rank:</b>	<b>LD: 14</b>	<b>CSID: 6530</b>	<b>FSID: 69528783</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$4,029	\$4,029	\$4,029
<b>Site: Yakima County Ahtanum Youth Park</b>			<b>Status: NFA</b>		<b>Rank:</b>	<b>LD: 15</b>	<b>CSID: 5528</b>	<b>FSID: 11497931</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$4,672	\$4,672	\$4,672
<b>Site: Yakima County Maintenance Shop Yakima</b>			<b>Status: NFA</b>		<b>Rank:</b>	<b>LD: 15</b>	<b>CSID: 5358</b>	<b>FSID: 5317499</b>	
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$9,473	\$9,473	\$9,473

<b>Yakima County (continued)</b>									
<b>Site: Yakima County Parking Lot</b>			<b>Status: NFA</b>		<b>Rank:</b>		<b>LD: 14</b>	<b>CSID: 11890</b>	<b>FSID: 12808</b>
<b>Activities / Phase:</b> Remedial Investigations									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$9,031	\$9,031	\$9,031
<b>Site: Yakima Railroad</b>			<b>Status: CC-Perf. Monitoring</b>		<b>Rank:</b>		<b>LD: 15</b>	<b>CSID: 3632</b>	<b>FSID: 500</b>
<b>Activities / Phase:</b> Post Construction Operation & Maint/Monitoring									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
			\$5,938	\$5,938				\$0	\$5,938
<b>Z-Multi-Sites</b>									
<b>Site: Legacy Pesticide Assist</b>			<b>Status:</b>		<b>Rank:</b>		<b>LD: 12</b>	<b>CSID: -99052</b>	<b>FSID:</b>
<b>Activities / Phase:</b> Feasibility Study & Remedy Selection									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
				\$0			\$197,938	\$197,938	\$197,938
<b>Site: LUST-Related (Multiple Sites)</b>			<b>Status:</b>		<b>Rank:</b>		<b>LD:</b>	<b>CSID: -99015</b>	<b>FSID:</b>
<b>Activities / Phase:</b> Legislatively Directed Investments									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
	\$108,000		\$12,000	\$120,000				\$0	\$120,000

<b>Z-Multi-Sites (continued)</b>										
<b>Site: Multi-Site OR Area-wide Project</b>			<b>Status:</b>		<b>Rank:</b>		<b>LD:</b>		<b>CSID: -99999</b>	<b>FSID:</b>
<b>Activities / Phase:</b> Construction, Other-Non Cleanup, Program Support, Remedial Investigations, Site Hazard Assessment/Initial Investigation										
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds	
			\$23,173	\$23,173				\$0	\$23,173	
<b>Z-Other</b>										
<b>Site: Info &amp; Policy Section General</b>			<b>Status:</b>		<b>Rank:</b>		<b>LD:</b>		<b>CSID: -77001</b>	<b>FSID:</b>
<b>Activities / Phase:</b> Legislatively Directed Investments, Other-Non Cleanup, Program Support, Remedial Investigations, Site Hazard Assessment/Initial Investigation										
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds	
	\$339,066		\$535	\$339,601			\$119,745	\$119,745	\$459,347	
<b>Site: Contracts / Work Supportive of Cleanup</b>			<b>Status:</b>		<b>Rank:</b>		<b>LD:</b>		<b>CSID: -77002</b>	<b>FSID:</b>
<b>Activities / Phase:</b> Construction, Emergency Actions/Interim Actions, Feasibility Study & Remedy Selection, Other-Non Cleanup, Post Construction Operation & Maint/Monitoring, Program Support, Remedial Investigations										
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds	
	\$148		\$204,677	\$204,825	\$36,426		\$77,449	\$113,876	\$318,701	
<b>Site: Other - Not Site-Specific</b>			<b>Status:</b>		<b>Rank:</b>		<b>LD:</b>		<b>CSID: -77777</b>	<b>FSID:</b>
<b>Activities / Phase:</b> Other-Non Cleanup										
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds	
	\$4,043		\$110,199	\$114,242				\$0	\$114,242	

<b>Grand Totals:</b>									
Operating GF - Pvt/Local	Operating GF - Federal	Operating Recovered LUST	Operating MTCA	Operating Subtotal	Capital State Building	Capital CSA	Capital MTCA	Capital Subtotal	Total All Funds
\$103,283	\$678,085		\$2,349,300	\$3,130,668	\$6,628,227	\$4,855,440	\$13,201,470	\$24,685,137	\$27,815,805

Totals may not add due to rounding.



## **Appendix F: Public Participation Grants (PPG) Financial Table**

- Chapter 4 discusses this table.
- Refer to Acronyms & Abbreviations at the beginning of this report for acronyms found in this appendix.

**Public Participation Grants (PPG) Financial Table**

<b>PUBLIC PARTICIPATION GRANTS</b>				
<b>Recipient Name for 2019–21 Biennium</b>	<b>Public Participation Grant Number</b>	<b>Total Grant Award</b>	<b>Total Expenditures</b>	<b>Brief Description of Work</b>
Columbia Riverkeeper	SWMPPG-1921-ColRiv-00003	\$120,000	\$120,000	Columbia Riverkeeper collaborated with the Yakama Nation and the Yakama Nation Tribal School to educate and encourage people on the Yakama Reservation to engage in Hanford cleanup decisions.
Columbia Springs	SWMPPG-1921-ColSpr-00004	\$120,000	\$119,980	Repair Clark County facilitated free community events where skilled volunteer fixers repair broken household items such as clothing, bikes, walkers, appliances, electronics, and jewelry, to reduce solid waste going to landfills and conserve resources.
Just Health Action	SWMPPG-1921-JuHeAc-00005	\$46,600	\$46,260	Just Health Action provided community education and outreach in the Duwamish Valley on controlling the source of pollutants to the Lower Duwamish Waterway Superfund site.
RE Sources for Sustainable Communities	SWMPPG-1921-RESoSC-00006	\$120,000	\$120,000	RE Sources for Sustainable Communities facilitated public understanding of the role they can play in reducing stormwater impacts and influencing the regulatory cleanup process occurring in Bellingham Bay and Blaine Harbor.
Hanford Challenge	SWMPPG-1921-HanCha-00011	\$120,000	\$120,000	Hanford Challenge inspired a broad and diverse public, focusing on underserved communities, to effectively participate in the Hanford Nuclear Reservation National Priority List site cleanup.
Citizens for a Healthy Bay	SWMPPG-1921-CiHeBa-00012	\$120,000	\$120,000	Citizens for a Healthy Bay facilitated public participation among highly impacted, low-income communities in Tacoma in the investigation and cleanup of contaminated sites and in the prevention of industrial pollution.
Methow Recycles	SWMPPG-1921-MetRec-00015	\$76,000	\$75,990	Methow Recycles increased waste reduction in the Methow Valley by hosting household item repair events, operating a tool lending library and materials exchange program, and conducting waste reduction education at area schools and community events.
Lake Roosevelt Forum	SWMPPG-1921-LaRoFo-00019	\$50,900	\$50,890	Lake Roosevelt Forum increased public awareness of the remedial activities on the Upper Columbia River and their ability to provide informed feedback to the Environmental Protection Agency (EPA) through conferences, tours, workshops, education, and outreach materials.

**Public Participation Grants (PPG) Financial Table**

<b>PUBLIC PARTICIPATION GRANTS</b>				
<b>Recipient Name for 2019–21 Biennium</b>	<b>Public Participation Grant Number</b>	<b>Total Grant Award</b>	<b>Total Expenditures</b>	<b>Brief Description of Work</b>
Lands Council the	SWMPPG-1921-LandCo-00020	\$92,000	\$92,000	The Lands Council increased the awareness of health risks of toxins in the Spokane River and acceptance of green infrastructure to primary and secondary school students.
Friends of Grays Harbor	SWMPPG-1921-FOGH-00021	\$66,091	\$64,330	Friends of Grays Harbor provided a series of workshops to educate the public about MTCA and Environmental Protection Agency (EPA) National Priority List (NPL) cleanup sites in the Chehalis River watershed.
Duwamish River Cleanup Coalition	SWMPPG-1921-DuRiCC-00024	\$120,000	\$105,700	Duwamish River Cleanup Coalition conducted community education and engagement programs to involve residents, fishers, tribal members, waterfront workers, recreational users, small businesses, and youth to clean, restore and prevent recontamination of the Duwamish River Superfund/MTCA site.
Futurewise	SWMPPG-1921-Future-00026	\$100,000	\$56,590	Futurewise increased public participation related to the Boeing Auburn Fabrication groundwater site through outreach and activities for immediate residents, greater area residents, students and their parents, and businesses in the cities of Algona and Auburn.
Sustainable Connections	SWMPPG-1921-SusCon-00027	\$119,996	\$119,970	Sustainable Connections helped eliminate food waste generated by restaurants and events in Whatcom County by redistributing food to those in need.
ReUse Works	SWMPPG-1921-ReUWor-00032	\$120,000	\$95,950	ReUse Works reduced textile waste and increased creative reuse in Whatcom County through community projects that distribute textiles to those who need them and use them.
Pacific Shellfish Institute	SWMPPG-1921-PaShIn-00035	\$82,000	\$81,860	Pacific Shellfish Institute leads education and community outreach using a Salish Sea Challenge tool to gain commitment to practice healthy watershed habits from students, families, and communities.
Heart of America Northwest Research Center	SWMPPG-1921-HeANRC-00036	\$118,000	\$118,000	Heart of America Northwest Research Center engaged the public statewide in Hanford and US Ecology site cleanup decisions with focused work with Native American and Latinx populations.
Zero Waste Washington	SWMPPG-1921-ZeWaWa-00040	\$120,000	\$120,000	Zero Waste Washington collaborated with local housing authorities to create and hold Fix-It Fairs and conduct waste prevention education.

**Public Participation Grants (PPG) Financial Table**

<b>PUBLIC PARTICIPATION GRANTS</b>				
<b>Recipient Name for 2019–21 Biennium</b>	<b>Public Participation Grant Number</b>	<b>Total Grant Award</b>	<b>Total Expenditures</b>	<b>Brief Description of Work</b>
Mother Africa	SWMPPG-1921-MotAf-00041	\$120,000	\$120,000	Mother Africa engaged members in the African and Middle Eastern Immigrant and Refugee community in South King County to compost food and yard waste at the Living Well Kent greenhouse.
Seattle Tilth	SWMPPG-1921-SeaTil-00042	\$100,000	\$98,780	Tilth Alliance increased waste reduction by teaching knowledge and skills to prevent food waste at home, focusing on South Seattle and the Rainier Beach Neighborhood.
Community Health Worker Coalition for Migrants and Refugees	SWMPPG-1921-CHWCMR-00045	\$120,000	\$120,000	Community Health Worker Coalition for Migrants and Refugees trained community leaders to deliver workshops to community members on ways to avoid pesticide exposure and waste.
Nourish Pierce County	SWMPPG-1921-NPC-00050	\$120,000	\$71,500	Nourish Pierce County raised public awareness about food waste by providing safe, reliable, and consistent transport of perishable, edible food from grocery stores their 24 food bank sites.
Refugee Federation Service Center	SWMPPG-1921-RFSC-00052	\$120,000	\$120,000	Refugee Federation Service Center conducted multilingual toxics environmental education workshops for the immigrant and refugee fishing communities in South Seattle, West Seattle, and South King County.
South King Tool Library	SWMPPG-1921-SoKiTL-00058	\$100,000	\$100,000	South King Tool Library expanded its tool library operations to reach low-income and non-English speaking populations to encourage waste reduction through tool checkout, waste reduction classes, and fix-it events.
	<b>Total</b>	\$2,391,587	\$2,257,800	

**Note:** Totals may not add due to rounding.

## **Appendix G: MTCA Operating-Funded Brownfields Projects Financial Table**

- Chapter 4 discusses this table.
- Refer to Acronyms & Abbreviations at the beginning of this report for acronyms found in this appendix.

**Brownfields Projects Financial Table**

County	Legislative District	Grant Number	Facility Site ID (FSID)	Project Title	Grant Start Date	Grant End Date	2019-21 Expenditures from MTCA Operating	Project Description
Mason	35	OTGP-2021-MCPUD1-00062	95581	Mason County PUD. No 1 Pole Yard Sampling, CAP and Soil Excavation	3/1/2021	6/30/2021	135,500	Ecology supported the Mason County Public Utility District (PUD) 1 with 2020 funding to assist with environmental assessment of the Mason Pole Yard. The PUD had entered this site into the VCP, but cleanup had stalled due to limited funding. Funds from Ecology provided urgently needed additional site investigation, installation of groundwater monitoring wells, and excavation of contaminated material. The PUD will continue the cleanup process under the VCP.

**Brownfields Projects Financial Table**

County	Legislative District	Grant Number	Facility Site ID (FSID)	Project Title	Grant Start Date	Grant End Date	2019-21 Expenditures from MTCA Operating	Project Description
Adams	9	OTGP-2021-Othell-00045	62023	Truman Property Soil and Groundwater Sampling	2/1/2021	6/30/2021	35,220	The Mayor of Othello contacted the Brownfields Program about possible funding for assessment and planning activities for a parcel on the west side of Othello, sometimes referred to as the Truman property. The city wants to purchase the 70+ acre parcel to use the southern portion as a waste water treatment plant with seasonal aquifer storage. The northern portion of the parcel includes a wetland that the city hopes to restore and create a conservation area with public access. Ecology supported their efforts with 2020 funding for an updated Phase I ESA and Phase II ESA. The city has also been selected for an Integrated Planning Grant award to conduct redevelopment planning activities at the property.
Chelan	12	OTGP-2021-ChCoNR-00063	88751	Chelan County Lead Arsenate Model Remedy Pilot Project	3/1/2021	6/30/2021	225,000	Chelan County will secure off-site sources of clean soil (for purchase, transport, and storage) as well as create a third-party development process for other lead and arsenic contaminated sites that can be used by other entities in Central Washington. The pilot site for this project is the Cameo Residential Development located at 1251 Swartout Road, Manson, WA.

**Brownfields Projects Financial Table**

County	Legislative District	Grant Number	Facility Site ID (FSID)	Project Title	Grant Start Date	Grant End Date	2019-21 Expenditures from MTCA Operating	Project Description
Stevens	7	OTGP-2021-Colvii-00067	13542	Colville Airport Underground Storage Tank (UST) Removal Project	4/1/2021	6/30/2021	19,120	The city of Colville plans to remove an aviation fuel underground storage tank (UST) at their airport property. The tank had been operated by a third party under a lease agreement that wasn't renewed. Since its configuration is not in compliance with current Ecology requirements, the city determined that removing the tank was the best path forward. There have been no reported releases from the tank and a site assessment will be completed as part of this agreement scope of work in accordance with Ecology's requirements for tank closure.
Snohomish	10	OTGP-2021-Stanwo-00043	74354	Sebranke Property Supplemental Phase I and Phase II Project	2/1/2021	6/30/2021	49,800	The Sebranke property is located on the eastern edge of Stanwood's main business district, adjacent to the Amtrak train station. This brownfield site functions as a gateway to main street businesses and is an entry point for visitors arriving by train. The city plans to acquire, clean up, and redevelop the site as a small public park that will enhance the experience of visitors to the main street area of Stanwood. The funding provided in 2020 was used for due diligence activities in preparation for the city's purchase of the property, including a Phase I Environmental Site Assessment (ESA), Phase II ESA, and cleanup planning documents. Commerce will provide a grant for cleanup activities after the city has purchased the property. The city has now been accepted into Ecology's Voluntary Cleanup Program (VCP).
<b>MTCA OPERATING-FUNDED BROWNFIELD PROJECTS TOTAL</b>							<b>\$464,640</b>	



## Appendix H: Hazardous Sites List (HSL) Information as of June 30, 2021

- Chapters 2 and 5 discuss the HSL.
- The HSL is a list of 1,971 contaminated sites that have been assessed and ranked as required under RCW 70A.305.030(2)(b).
- Additional details about each site, including types of contaminants and documents, are available in Ecology’s Cleanup and Tank Search:  
<https://apps.ecology.wa.gov/cleanupsearch/reports/cleanup/contaminated>
- Ecology publishes this list every February and August as a special edition of the Site Register: <https://apps.ecology.wa.gov/publications/UIPages/PublicationList.aspx?IndexTypeName=Topic&NameValue=Site+Register&DocumentTypeName=Newsletter>
- The list includes sites listed by EPA on the National Priorities List (NPL) under the federal Superfund law. NPL sites are identified on the HSL with a rank of zero. NPL sites are managed either by EPA, Ecology, or both in accordance with a memorandum of agreement between the agencies. EPA-Lead sites are tracked by EPA, and are highlighted gray in Appendix H. EPA-Lead sites are excluded from the HSL counts reported in Chapters 2 and 5.
- Refer to Acronyms & Abbreviations at the beginning of this report for acronyms found in this appendix.

## Hazardous Sites List (HSL) Information

More details about each site available on Ecology’s Cleanup and Tank Search: <https://apps.ecology.wa.gov/cleanupsearch/reports/cleanup/contaminated>

County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Adams	1688	559	CMC REAL ESTATE OTHELLO	Othello	99344	Cleanup Started	5	2/15/1991
Adams	1731	564	Crop Production Services Inc Othello	Othello	99344	Awaiting Cleanup	5	8/27/1991
Adams	1599	565	PUREGRO RITZVILLE	Ritzville	99169	Awaiting Cleanup	5	8/27/1991
Adams	1908	557	SOIL & CROP	Othello	99344	Cleanup Started	2	8/31/1990
Adams	1855	563	T 16 Ranch	Lind	99341	Awaiting Cleanup	5	2/25/1992
Adams	1856	570	WASHTUCNA GRANGE SUPPLY	Benge	99105	Awaiting Cleanup	3	2/3/2004
Adams	1869	568	WASHTUCNA RAILROAD LEASE SITE	Washtucna	99371	Awaiting Cleanup	4	2/3/2004
Adams	1730	560	WWT BATUM FACILITY	Batum	99169	Awaiting Cleanup	5	2/15/1991
Asotin	1942	572	ASOTIN COUNTY LANDFILL	Clarkston	99403	Cleanup Started	5	8/27/1991
Benton	6650	77113577	7 Eleven 25821	Richland	99354	Cleanup Started	3	2/21/2013
Benton	4890	302	B & B Equipment Co Inc	Prosser	99350	Awaiting Cleanup	3	2/9/2004
Benton	7700	6411794	BEAR MART AUTO SALES	Kennewick	99336	Cleanup Started	2	6/12/2014
Benton	7012	319	Ben Franklin Transit Co	Richland	99352	Cleanup Started	3	8/27/1991
Benton	1373	999978	CBC WSU Nurse Training Facility	Richland	99339	Awaiting Cleanup	3	7/22/2007
Benton	5798	27223439	CHEVRON STATION 98944	Richland	99352	Cleanup Started	3	1/6/2015
Benton	5503	9799625	Consolidated Freightways Kennewick	Kennewick	99336	Cleanup Started	5	2/26/2002
Benton	4709	312	HANFORD 100 AREA DOE	Richland	99352	Cleanup Started	0	2/20/1996
Benton	4412	313	HANFORD 1100 AREA DOE	Richland	99352	Cleanup Complete-Active O&M/Monitoring	0	2/20/1996
Benton	4055	314	HANFORD 200 AREA DOE	Richland	99352	Cleanup Started	0	2/20/1996
Benton	4231	315	HANFORD 300 AREA DOE	Richland	99352	Cleanup Started	0	2/20/1996
Benton	5992	38214358	Jackpot Food Mart 056	Richland	99352	Cleanup Started	2	2/15/2012
Benton	4282	85292259	Jerrys Custom Mechanics	West Richland	99352	Cleanup Started	3	7/27/2007
Benton	4898	333	KENNEWICK U HAUL	Kennewick	99336	Cleanup Started	3	8/27/2002
Benton	7128	78835792	L & L Exxon	Richland	99352	Cleanup Started	2	8/18/2010
Benton	4894	327	New City Cleaners	Richland	99352	Cleanup Started	1	3/9/1993
Benton	2188	7474148	Prosser Airport Aircraft Applicators	Prosser	99350	Cleanup Started	3	2/7/2013

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Benton	11643	24530	Richland Uptown Shopping Center Parcel 12	Richland	99354	Awaiting Cleanup	3	8/8/2005
Benton	3746	79167777	Twin City Metals	Kennewick	99336	Cleanup Started	1	2/26/2002
Benton	7342	18589819	UNOCAL CHEMICALS & MINERALS DIVISION	Kennewick	99337	Cleanup Started	5	2/13/2007
Benton	6105	44976422	US BANK FACILITY	Richland	99352	Cleanup Started	3	12/5/2005
Benton	2703	2378818	US DOE 100-BC-1	Richland	99352	Cleanup Started	0	7/5/2007
Benton	2724	9700762	US DOE 100-BC-2	Richland	99352	Cleanup Started	0	6/6/2007
Benton	2155	1927670	US DOE 100-BC-5	Richland	99352	Cleanup Started	0	6/6/2007
Benton	3877	393245	US DOE 100-DR-1	Richland	99352	Cleanup Started	0	7/5/2007
Benton	4610	1268683	US DOE 100-DR-2	Richland	99352	Cleanup Started	0	7/5/2007
Benton	3887	6412945	US DOE 100-FR-1	Richland	99352	Cleanup Complete-Active O&M/Monitoring	0	7/5/2007
Benton	3455	154273	US DOE 100-FR-2	Richland	99352	Cleanup Complete-Active O&M/Monitoring	0	7/5/2007
Benton	2166	7261793	US DOE 100-FR-3	Richland	99352	Cleanup Complete-Active O&M/Monitoring	0	6/6/2007
Benton	1774	5266750	US DOE 100-HR-1	Richland	99352	Cleanup Started	0	7/5/2007
Benton	2989	4509019	US DOE 100-HR-2	Richland	99352	Cleanup Started	0	7/5/2007
Benton	4035	6588489	US DOE 100-HR-3	Richland	99352	Cleanup Started	0	6/6/2007
Benton	4014	4096480	US DOE 100-IU-2	Richland	99352	Cleanup Complete-Active O&M/Monitoring	0	7/5/2007
Benton	3574	8158748	US DOE 100-IU-6	Richland	99352	Cleanup Complete-Active O&M/Monitoring	0	7/5/2007
Benton	3975	227899	US DOE 100-KR-1	Richland	99352	Cleanup Started	0	7/5/2007
Benton	2046	1777551	US DOE 100-KR-2	Richland	99352	Cleanup Started	0	7/5/2007
Benton	2634	6272765	US DOE 100-KR-4	Richland	99352	Cleanup Started	0	6/6/2007
Benton	2815	8528558	US DOE 100-NR-1	Richland	99352	Cleanup Started	0	7/5/2007
Benton	2924	6495974	US DOE 100-NR-2	Richland	99352	Cleanup Started	0	6/6/2007
Benton	11583	9481	US DOE 200-BC-1	Richland	99352	Cleanup Started	0	2/27/2007
Benton	2167	7392964	US DOE 200-CW-1	Richland	99352	Cleanup Started	0	6/22/2007
Benton	384	9613161	US DOE 200-CW-3	Richland	99352	Cleanup Started	0	6/22/2007

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Benton	4251	8848136	US DOE 200-CW-5	Richland	99352	Cleanup Started	0	6/22/2007
Benton	11582	7612	US DOE 200-DV-1	Richland	99352	Cleanup Started	0	2/27/2007
Benton	11580	19777	US DOE 200-EA-1	Richland	99352	Cleanup Started	0	2/27/2007
Benton	182	1503490	US DOE 200-IS-1	Richland	99352	Cleanup Started	0	6/22/2007
Benton	4641	6600397	US DOE 200-MG-1	Richland	99352	Cleanup Started	0	3/2/2009
Benton	3989	4302799	US DOE 200-MG-2	Richland	99352	Cleanup Started	0	3/2/2009
Benton	11581	7528	US DOE 200-OA-1	Richland	99352	Cleanup Started	0	2/27/2007
Benton	1108	7919861	US DOE 200-PW-1	Richland	99352	Cleanup Started	0	6/22/2007
Benton	241	1703585	US DOE 200-PW-3	Richland	99352	Cleanup Started	0	6/27/2007
Benton	1572	974879	US DOE 200-PW-6	Richland	99352	Cleanup Started	0	6/27/2007
Benton	987	1711445	US DOE 200-SW-2	Richland	99352	Cleanup Started	0	6/27/2007
Benton	11562	20217	US DOE 200-WA-1	Richland	99352	Cleanup Started	0	2/27/2007
Benton	2706	2504962	US DOE 300-FF-1	Richland	99352	Cleanup Started	0	6/22/2007
Benton	292	498835	US DOE 300-FF-2	Richland	99352	Cleanup Started	0	6/22/2007
Benton	2435	7395522	US DOE 300-FF-5	Richland	99352	Cleanup Started	0	6/6/2007
Benton	801	600078	US DOE 384 Powerhouse Bunker	Richland	99352	Cleanup Started	0	4/14/2008
Benton	160	311	US Ecology Washington	Richland	99352	Cleanup Started	5	2/14/2001
Benton	1681	88241112	USFW Whitcomb Island Farm	Paterson	99345	Cleanup Started	3	2/14/2007
Benton	4083	329	WELLSIAN WAY WELL FIELD	Richland	99352	Cleanup Started	2	9/7/1993
Chelan	4144	16422326	AG SUPPLY COMPANY OF WENATCHEE	Wenatchee	98801	Cleanup Started	5	8/22/2006
Chelan	5914	34617938	BLUE CHELAN PLANT 1	Chelan	98816	Cleanup Started	5	2/20/2008
Chelan	5820	28673212	BNSF Wenatchee Railyard	Wenatchee	98801	Cleanup Started	5	4/27/2007
Chelan	6552	71787374	BUDGET RENT A CAR Performance Auto Sound	Wenatchee	98801	Cleanup Started	5	7/27/2007
Chelan	4710	335	CASHMERE LANDFILL	Cashmere	98815	Cleanup Started	1	8/27/1991
Chelan	6660	77751227	Chelan Chevron	Chelan	98816	Cleanup Started	3	8/27/2002
Chelan	5772	25558882	Chelan Sewer Pump Station No 1	Chelan	98816	Cleanup Started	5	2/20/2008
Chelan	434	52595421	Community Technology Center	Wenatchee	98801	Cleanup Started	5	1/13/2010
Chelan	5399	6241274	Dels Triangle Texaco	Wenatchee	98801	Cleanup Started	5	11/2/2006
Chelan	4084	336	DRYDEN LANDFILL	Dryden	98801	Cleanup Complete-Active O&M/Monitoring	4	8/25/1992

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Chelan	1297	812	GLACIER PARK	Leavenworth	98826	Cleanup Complete-Active O&M/Monitoring	1	8/20/1996
Chelan	4234	349	Glacier Park Budget Fuel East	Leavenworth	98826	Construction Complete-Performance Monitoring	1	2/25/1992
Chelan	12258	4086	Green Bulk Plant	Chelan	98816	Cleanup Started	5	8/24/2015
Chelan	6148	47131692	Headwaters Inn Sportsmans Pub	Lake Wenatchee	98826	Cleanup Started	3	1/8/2007
Chelan	4414	338	Holden Mine	Holden	98816	Cleanup Started	1	8/28/1990
Chelan	4875	85479678	Keyes Fibre Corporation	Wenatchee	98807	Cleanup Started	5	2/18/2010
Chelan	11738	93262331	Lake Chelan Boat Co Lady of the Lake II	Chelan	98816	Cleanup Started	5	1/10/2012
Chelan	4455	351	MANSON LANDFILL	Manson	98831	Cleanup Started	2	8/25/1991
Chelan	4757	357	Pacific Pride Tanker Fire	Monitor	98836	Cleanup Started	3	2/2/2006
Chelan	6024	39541111	Pat & Mikes Corner	Chelan	98816	Cleanup Started	4	12/12/1998
Chelan	1642	42716969	PEAR BLOSSOM LOT 22	Wenatchee	98801	Awaiting Cleanup	4	1/24/2003
Chelan	10237	71399884	Ray Rock Grocery	Leavenworth	98826	Cleanup Started	5	8/13/2013
Chelan	4415	345	Unocal Bulk Plant 0082	Chelan	98816	Cleanup Started	1	8/27/1991
Chelan	4802	32896553	Van Well Nursery	Wenatchee	98801	Cleanup Started	5	12/14/2009
Chelan	3529	89324185	WA WSU Research Pesticide Storage Bldg	Wenatchee	98801	Cleanup Started	5	2/2/2006
Chelan	2831	22012	Zimmerman Law Offices	Wenatchee	98801	Cleanup Started	3	2/12/2014
Clallam	1506	2995768	301 BUSINESS PARK LOOP	Carlsborg	98324	Cleanup Started	5	2/4/2008
Clallam	3209	391383	ALPINE REALTY JIFFY CLEANERS SAFEWAY	Port Angeles	98362	Cleanup Started	5	1/28/2008
Clallam	5989	38092449	ALS MINI MART	Clallam Bay	98326	Cleanup Started	1	7/31/2013
Clallam	10686	83464474	Baker's Mini mart	Clallam Bay	98326	Cleanup Started	5	1/7/2016
Clallam	2144	1795042	BURNT HILL GRAVEL PIT	Sequim	98382	Awaiting Cleanup	3	7/25/2006
Clallam	4007	4690075	CAR CRUSHING HOKO RIVER HWY 112	Sekiu	98381	Awaiting Cleanup	1	2/2/2010
Clallam	1475	6904640	FREDS AUTO WRECKING	Port Angeles	98362	Awaiting Cleanup	1	2/11/2004
Clallam	4439	9004605	JONATHAN SHOTWELL CORPORATION	Port Angeles	98362	Awaiting Cleanup	4	2/3/2006
Clallam	28	1002	K Ply	Port Angeles	98363	Cleanup Started	5	9/10/1990
Clallam	958	1671323	MIDWAY METALS	Port Angeles	98362	Cleanup Started	1	5/14/2008

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Clallam	2496	18	NIPPON PAPER INDUSTRIES USA CO	Port Angeles	98363	Awaiting Cleanup	5	9/10/1990
Clallam	186	1673933	PETTIT OIL CO FORKS BULK PLANT	Forks	98331	Cleanup Started	5	2/2/2010
Clallam	3447	1008	PETTIT OIL COMPANY PORT ANGELES WHS	Port Angeles	98362	Cleanup Started	1	8/25/1992
Clallam	2636	8466059	PHILS FREEDOM WELDING	Port Angeles	98362	Awaiting Cleanup	4	2/3/2006
Clallam	249	5690762	PORT ANGELES CITY SENIOR CENTER	Port Angeles	98368	Cleanup Started	5	2/6/2007
Clallam	1301	1005	PORT ANGELES PORT OF MARINE TRADES AREA	Port Angeles	98362	Cleanup Started	1	8/25/1992
Clallam	2270	19	PORT ANGELES RAYONIER MILL SITE	Port Angeles	98362	Cleanup Started	2	2/1/1994
Clallam	1300	1003	QUALITY 4 X 4	Port Angeles	98362	Awaiting Cleanup	3	1/24/2003
Clallam	6295	56112752	SEQUIM BAY GENERAL STORE	Sequim	98382	Cleanup Started	3	7/27/2007
Clallam	8084	15324113	ST MARY'S TEXACO	Port Angeles	98362	Cleanup Started	5	1/7/2016
Clallam	1649	61984337	TRUCK TOWN 1921 HWY 101	Port Angeles	98363	Cleanup Started	2	8/27/1991
Clallam	4976	1006	UNOCAL BULK PLANT 0601	Port Angeles	98362	Cleanup Started	1	8/25/1992
Clallam	3958	11397236	WA DNR CASSIDY ROAD	Sequim	98382	Awaiting Cleanup	5	2/2/2004
Clallam	5763	25143851	WA DOC Clallam Bay Corrections Center CC	Clallam Bay	98326	Cleanup Started	5	2/12/2009
Clark	2470	22283	A & B RADIATOR	Vancouver	98662	Awaiting Cleanup	2	12/23/2013
Clark	2867	21	ALCOA VANCOUVER	Vancouver	98666	Cleanup Complete-Active O&M/Monitoring	0	9/10/1990
Clark	4876	90752948	AMERICAN RV STORAGE	Vancouver	98686	Awaiting Cleanup	3	2/9/2011
Clark	3682	1048	BNSF Railway Company Vancouver	Vancouver	98660	Cleanup Started	1	3/12/1991
Clark	586	198	Boomsnub Airco Superfund Site	Vancouver	98661	Tracked by EPA	1	9/10/1990
Clark	2796	1018	Burlington Environmental LLC Washougal	Washougal	98671	Cleanup Started	1	2/18/1997
Clark	1699	34583642	CARIBOU REALTY GROUP	Vancouver	98665	Cleanup Started	2	12/9/2005
Clark	2909	30204	CHELATCHIE TANK FARM	Amboy	98601	Awaiting Cleanup	4	8/19/1997
Clark	2767	1060	CHEVRON BULK PLANT 61001854	Vancouver	98660	Cleanup Started	1	3/9/1993
Clark	1548	5016308	COLUMBIA ROCK CONCRETE PRODUCTS INC	Camas	98607	Awaiting Cleanup	2	1/4/2007
Clark	3622	98665473	COMMERCIAL RADIATOR SERVICE	Vancouver	98662	Awaiting Cleanup	4	7/16/1998

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Clark	11564	12962	Creative Smiles PLLC	Vancouver	98665	Awaiting Cleanup	2	6/26/2014
Clark	3024	1049	CUSTOM CARE CLEANERS	Vancouver	98661	Awaiting Cleanup	5	9/10/1990
Clark	4351	74748387	Electro Tech Metal Finishing LLP	Vancouver	98682	Cleanup Started	2	2/19/2008
Clark	4979	1045	FARGHER LAKE GROCERY	Yacolt	98675	Cleanup Started	3	3/8/1994
Clark	2443	29822132	Fred Meyer Inc Hazell Dell	Hazel Dell	98665	Cleanup Started	3	7/16/1998
Clark	535	197	Frontier Hardchrome	Vancouver	98661	Cleanup Complete- Active O&M/Monitoring	0	2/22/1995
Clark	3970	65134218	Gary Brown Photography	Vancouver	98662	Awaiting Cleanup	2	12/27/2013
Clark	11919	20814	Gary Gilbert DDS	Vancouver	98664	Awaiting Cleanup	2	10/27/2014
Clark	3448	1011	General Chemical Corp Vancouver Works	Vancouver	98660	Awaiting Cleanup	5	8/27/1991
Clark	3264	1031	IPC PLYWOOD MILL	Amboy	98607	Awaiting Cleanup	5	1/15/1997
Clark	3021	1032	IPC SOLID WASTE SITE	Amboy	98607	Awaiting Cleanup	2	8/20/1996
Clark	3785	1061	KOCH TRACTOR	Ridgefield	98642	Awaiting Cleanup	3	8/22/1995
Clark	4495	4754445	KOPPE METALS SOUTH PROPERTY	Vancouver	98660	Awaiting Cleanup	2	2/11/2010
Clark	4622	75243248	LARSONS DRY CLEANER	Vancouver	98665	Cleanup Started	2	8/21/2001
Clark	3019	1017	LEICHNER BROTHERS LANDFILL	Vancouver	98666	Construction Complete- Performance Monitoring	3	9/10/1990
Clark	3601	12436367	Malcolm Montague	Vancouver	98660	Cleanup Started	2	8/22/1995
Clark	1834	19779	Miltons Dry Cleaners	Vancouver	98661	Cleanup Started	2	1/16/1998
Clark	2469	20915	NORTHWEST INVESTMENTS	Vancouver	98665	Cleanup Started	2	1/16/1998
Clark	3020	1019	Pacific Wood Treating Corp	Ridgefield	98642	Cleanup Started	1	8/20/1996
Clark	4099	8100630	PARK LAUNDRY SITE	Ridgefield	98642	Cleanup Started	3	1/4/2007
Clark	3802	30759	PORTCO CORP PEDIGO PRODUCTS	Vancouver	98661	Cleanup Started	3	10/19/2007
Clark	6933	95697798	RONALD BROWN PROPERTY	Camas	98607	Cleanup Started	5	1/15/2009
Clark	1574	1105153	SCHAFFER PROPERTY	Ridgefield	98624	Awaiting Cleanup	3	5/30/2006
Clark	1693	9157494	SPRAGUE & FJERMESTAD	Ridgefield	98642	Awaiting Cleanup	3	8/26/2002
Clark	568	61862781	ST Services Nustar Energy LP	Vancouver	98660	Cleanup Started	2	6/23/2006
Clark	11458	11197	SUN DRY CLEANERS VANCOUVER	Vancouver	98662	Awaiting Cleanup	2	8/27/2013

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Clark	4981	1063	TIME OIL HANDY ANDY 8	Vancouver	98663	Construction Complete-Performance Monitoring	1	9/7/1993
Clark	7054	11251483	TOSCO CORPORATION SITE 257323-31299	Vancouver	98665	Cleanup Started	3	8/10/2007
Clark	11670	69965472	US ARMY CAMP BONNEVILLE	Vancouver	98682	Cleanup Started	1	7/31/2003
Clark	1560	9420069	US ARMY Camp Bonneville RAU-2	Proebstel	98682	Cleanup Started	1	7/31/2003
Clark	861	475000	US ARMY Camp Bonneville RAU-2C	Proebstel	98682	Cleanup Started	1	12/30/2005
Clark	2216	5125990	US ARMY Camp Bonneville RAU-3	Proebstel	98682	Cleanup Started	1	7/21/2003
Clark	651	202	Vancouver City Blandford Station 4	Vancouver	98661	Cleanup Started	0	2/22/1995
Clark	4018	5922991	VANCOUVER PORT OF 058720-000	Vancouver	98660	Awaiting Cleanup	5	4/2/2012
Clark	3450	1026	Vancouver Port of NuStar Cadet Swan	Vancouver	98660	Cleanup Started	1	7/16/1998
Clark	2762	1024	WA DOC DNR LARCH MOUNTAIN CORR	Yacolt	98675	Cleanup Started	2	3/12/1991
Clark	6145	46933333	WA DOT SHELL DENNIS MEADOWS	Vancouver	98665	Cleanup Started	3	1/9/2008
Clark	2799	1050	WA DOT Vancouver	Vancouver	98663	Cleanup Started	5	9/10/1990
Clark	2799	1050	WA DOT Vancouver	Vancouver	98663	Cleanup Started	5	3/14/2006
Clark	1069	77432389	WA PARKS BATTLEGROUND STATE PARK	Battle Ground	98604	Awaiting Cleanup	2	6/22/2012
Clark	988	3612707	Wertz and Weeks Properties	Ridgefield	98634	Awaiting Cleanup	2	1/30/2007
Columbia	3609	41637325	Skyline Fluid Power Inc	Dayton	99328	Awaiting Cleanup	2	8/3/2007
Cowlitz	4984	1095	ARATEX	Longview	98632	Cleanup Started	2	6/10/2013
Cowlitz	8142	16676141	ASTRO 745 - Minit Mart	Woodland	98674	Cleanup Started	3	1/20/2015
Cowlitz	3878	430456	BNSF RR 2003 TRAIN COLLISION	Kelso	98626	Awaiting Cleanup	1	11/21/2013
Cowlitz	9481	51229354	BONNEVILLE POWER ADMIN	Longview	98632	Cleanup Started	1	6/10/2013
Cowlitz	6768	85478855	CASTLE ROCK CHEVRON	Castle Rock	98611	Cleanup Started	5	1/1/2016
Cowlitz	9944	62794162	CHEVRON 60098829	Woodland	98674	Cleanup Started	2	6/30/2014
Cowlitz	2928	91448935	CHEVRON USA LONGVIEW	Longview	98632	Cleanup Started	1	2/25/1992
Cowlitz	3156	1102	CLIFF KOPPE METALS	Kelso	98626	Awaiting Cleanup	2	2/25/1992
Cowlitz	4840	2070515	DION CLARK PROPERTY	Woodland	98674	Awaiting Cleanup	1	3/11/2014
Cowlitz	11199	95369134	DOT KELSO MAINTENANCE SITE	Kelso	98626	Cleanup Started	3	4/1/2014



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Cowlitz	7783	8358215	DREWS GROCERY & SERVICE	Toutle	98649	Cleanup Started	2	1/15/2014
Cowlitz	7902	11589213	E R KELLY ESTATE	Longview	98632	Cleanup Started	2	4/1/2014
Cowlitz	3686	1082	EMERALD KALAMA CHEMICAL LLC	Kalama	98625	Cleanup Started	1	1/5/1998
Cowlitz	76	810	Fuel Processors Inc	Woodland	98674	Cleanup Started	3	8/19/1997
Cowlitz	2770	1091	GARDNER FOREST PRODUCTS	Longview	98632	Awaiting Cleanup	4	8/27/1991
Cowlitz	8647	29977842	HALTON COMPANY	Longview	98632	Cleanup Started	2	4/1/2014
Cowlitz	3685	1080	INTERNATIONAL PAPER LONGVIEW	Longview	98632	Cleanup Started	1	12/31/1996
Cowlitz	7432	1597458	KALAMA PORT OF COLUMBIA FIBRE	Kalama	98625	Cleanup Started	3	6/30/2014
Cowlitz	8052	14672927	KID VALLEY STORE	Toutle	98649	Cleanup Started	5	6/26/2014
Cowlitz	3945	5808650	LONGVIEW AUTO WRECKING	Longview	98632	Awaiting Cleanup	1	6/10/2013
Cowlitz	2281	31	Longview Fibre Paper & Packaging Longview	Longview	98632	Construction Complete-Performance Monitoring	5	3/12/1991
Cowlitz	3687	1105	MCCORD BROS NISSAN DODGE	Longview	98632	Awaiting Cleanup	3	2/25/2014
Cowlitz	11051	91861675	MILLER'S MARKET	Longview	98632	Cleanup Started	1	6/24/2014
Cowlitz	9976	63671677	MONTICELLO GARAGE	Longview	98632	Cleanup Started	2	4/7/2014
Cowlitz	9604	53662275	NG PROPERTY	Longview	98632	Cleanup Started	1	6/11/2013
Cowlitz	4851	6799307	OLD KALAMA LANDFILL	Kalama	98625	Awaiting Cleanup	3	1/3/2014
Cowlitz	2771	1092	OLYMPIC PIPELINE COMPANY LLC	Castle Rock	98611	Awaiting Cleanup	1	2/25/1992
Cowlitz	2927	1084	OSTRANDER PROPERTY	Longview	98632	Awaiting Cleanup	4	3/12/1991
Cowlitz	5436	7491444	PACIFIC PRIDE 3	Kelso	98626	Cleanup Started	5	4/1/2014
Cowlitz	11368	99775267	PARKS MAINTENANCE DEPARTMENT	Longview	98632	Cleanup Started	3	6/25/2014
Cowlitz	9152	42978181	PORT OF LONGVIEW TPH	Longview	98632	Cleanup Started	2	10/22/2014
Cowlitz	5821	28773839	QUALITY CARRIERS INC	Kelso	98626	Cleanup Started	3	7/23/2014
Cowlitz	7672	5878482	REPROGRAPHICS	Longview	98632	Cleanup Started	3	4/2/2015
Cowlitz	11796	29	Reynolds Metals Aluminum Smelter	Longview	98632	Cleanup Started	5	2/5/1991
Cowlitz	11346	99173413	ROSE STIRLING HONDA	Longview	98632	Cleanup Started	2	7/24/2014
Cowlitz	3028	1085	Schill Brothers Asphalt & Paving	Longview	98632	Awaiting Cleanup	1	6/10/2013
Cowlitz	5349	4962876	SHELL STATION OREGON WAY	Longview	98632	Cleanup Started	2	1/29/2015
Cowlitz	10358	74214235	SUBURBAN PROPANE	Longview	98632	Cleanup Started	2	6/30/2014

## Hazardous Sites List (HSL) Information

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Cowlitz	8824	34996343	TALLEY'S PACIFIC AVENUE MARKET	Kelso	98626	Cleanup Started	3	1/1/2016
Cowlitz	2391	9643998	THE ARCHDIOCESE HOUSING AUTHORITY	Kelso	98626	Cleanup Started	1	6/10/2013
Cowlitz	10345	73925141	THE CLEAN MACHINE	Longview	98632	Cleanup Started	2	3/30/2015
Cowlitz	6138	46664878	TIME SAVER MART	Longview	98632	Awaiting Cleanup	3	11/21/2013
Cowlitz	1539	5068990	TRANSMISSION TRADING CO	Longview	98632	Awaiting Cleanup	1	1/1/2016
Cowlitz	9579	53212796	TROY PROPERTY	Kelso	98626	Cleanup Started	2	4/7/2014
Cowlitz	10422	75756414	U HAUL 702-71	Longview	98632	Cleanup Started	2	1/1/2016
Cowlitz	3788	1094	UNOCAL BULK PLANT 0321	Kelso	98626	Cleanup Started	1	2/25/1992
Cowlitz	9587	53424674	UNOCAL KELSO	Kelso	98626	Cleanup Started	2	11/12/2013
Cowlitz	4693	3964890	WALLACE ROCK PRODUCTS INC	Kelso	98626	Awaiting Cleanup	1	12/17/2013
Cowlitz	3027	44142214	WEST COAST MOBIL OIL CO	Longview	98632	Construction Complete- Performance Monitoring	1	2/25/1992
Cowlitz	9631	54248966	WEST COAST OIL (OREGON WAY)	Longview	98632	Cleanup Started	2	6/12/2014
Cowlitz	7998	13728771	WESTSIDE SHOPPER	Longview	98632	Cleanup Started	2	1/1/2016
Cowlitz	2272	28	WEYERHAEUSER CO HG CHLOR ALK	Longview	98632	Cleanup Started	1	8/22/1995
Cowlitz	2675	27	Weyerhaeuser Co Longview	Longview	98632	Cleanup Started	1	9/10/1990
Cowlitz	3269	1106	WEYERHAEUSER HQ CAMP	Castle Rock	98611	Awaiting Cleanup	3	8/18/2008
Cowlitz	2203	62431315	WEYERHAEUSER TIMBERLANDS	Cougar	98616	Awaiting Cleanup	3	11/25/2013
Cowlitz	10689	83572551	WILCOX & FLEGEL OIL CO	Kelso	98626	Cleanup Started	2	7/9/2014
Cowlitz	9788	57785258	WILDWOOD CORP RYDERWOOD PROPERTY	Ryderwood	98581	Cleanup Started	3	6/30/2014
Douglas	11	813	American Silicon Technologies	Rock Island	98850	Cleanup Started	4	2/25/1992
Douglas	5738	23834782	Auvil Fruit Company Inc Ranch 1	Orondo	98843	Cleanup Started	5	8/18/2010
Douglas	5700	22348824	Chief Joseph Dam	Bridgeport	98813	Cleanup Started	5	2/7/2011
Douglas	6606	74382127	G & K Country Store Rocky Butte Service	Brewster	98812	Cleanup Started	5	7/19/2004
Douglas	2088	25378742	North Central Petroleum Spill	Bridgeport	98813	Cleanup Started	5	8/9/2006
Douglas	4418	370	SILICON METALTECH LAB SITE	Rock Island	98850	Cleanup Started	5	2/25/1992
Douglas	4714	369	SILICON METALTECH LAGOON	Rock Island	98850	Cleanup Started	4	2/25/1992

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Douglas	3595	6567853	Taplett Apple Orchard	East Wenatchee	98802	Awaiting Cleanup	4	1/10/2011
Ferry	10518	78351263	ANDERSON GROCERY	Republic	99166	Cleanup Started	5	2/27/2012
Ferry	2020	7199537	BUTTE & BOSTON MINE	Republic	99166	Awaiting Cleanup	5	2/11/2013
Ferry	1690	574	HECLA KNOB HILL MINE	Republic	99166	Awaiting Cleanup	4	8/27/1991
Franklin	1691	591	BNRR PASCO RAILYARD	Pasco	99301	Awaiting Cleanup	5	8/22/1995
Franklin	4225	64881623	BROADWAY TRUCK SERVICE PASCO	Pasco	99301	Awaiting Cleanup	3	2/16/2011
Franklin	4867	55763995	Chevron Pipe Line Company Pasco Bulk Terminal	Pasco	99301	Cleanup Started	3	8/28/2001
Franklin	2894	86588161	CHS Inc	Pasco	99301	Cleanup Started	3	2/13/2009
Franklin	4795	12832737	Connell Oil Inc	Connell	99326	Awaiting Cleanup	4	8/17/2004
Franklin	10388	74849983	MASSEY FERGUSON	Pasco	99301	Cleanup Started	5	8/1/2012
Franklin	1985	579	Pasco Bulk Fuel Terminal Site	Pasco	99301	Construction Complete- Performance Monitoring	1	8/31/1990
Franklin	1910	575	Pasco Landfill NPL Site	Pasco	99301	Cleanup Started	0	9/10/1990
Franklin	4379	95275524	RADAR HILLS SEWER SYSTEM	Othello	99344	Cleanup Started	4	7/27/2007
Franklin	1602	584	SMITH CANYON HAZ WASTE SITE	Pasco	99301	Awaiting Cleanup	5	8/17/1992
Franklin	2331	39378684	Tidewater Fuel Line Leak	Pasco	99301	Cleanup Started	3	8/28/2001
Franklin	209	96655412	Tidewater Terminal Co Pasco	Pasco	99301	Cleanup Started	5	8/27/2002
Franklin	4112	32559645	UAP Distribution Inc Pasco	Pasco	99301	Awaiting Cleanup	3	2/13/2009
Franklin	2351	578	Western Farm Serv Pasco	Pasco	99301	Construction Complete- Performance Monitoring	1	9/2/1991
Franklin	9825	58961816	WONDRACK DISTRIBUTING INC Pasco	Pasco	99301	Cleanup Started	5	2/27/2012
Garfield	1334	8546	Crop Production Services Inc Pomeroy	Pomeroy	99347	Cleanup Started	3	8/17/2004
Grant	4952	604	Arco 5782 PSI 5215	Moses Lake	98837	Cleanup Complete- Active O&M/Monitoring	3	2/25/1992
Grant	11017	91286566	BPA MAINTENANCE FACILITY	Grand Coulee	99133	Cleanup Started	5	5/17/2016
Grant	8840	35398318	COLUMBIA BASIN HATCHERY	Moses Lake	98837	Cleanup Started	3	2/16/2011

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Grant	1065	72858424	COUNTRY STORE	Moses Lake	98837	Construction Complete-Performance Monitoring	4	8/18/2010
Grant	2353	603	FULL CIRCLE EPHRATA	Ephrata	98823	Awaiting Cleanup	5	2/20/1996
Grant	2048	613	FULL CIRCLE QUINCY	Quincy	98848	Awaiting Cleanup	5	2/21/1995
Grant	1692	592	GRANT COUNTY EPHRATA LANDFILL 1	Ephrata	98823	Cleanup Started	5	8/31/1990
Grant	1820	610	GRANT COUNTY PUD 2 LARSON SUBSTATION	Moses Lake	98837	Awaiting Cleanup	3	2/23/1993
Grant	1912	593	GRANT DANGEROUS WASTE SITE	Royal City	99357	Awaiting Cleanup	5	8/27/1991
Grant	5467	8773512	HIGHWAY JUNCTION	Quincy	98848	Cleanup Started	5	2/17/2010
Grant	1859	595	INTERNATIONAL TITANIUM	Moses Lake	98837	Awaiting Cleanup	4	8/27/1991
Grant	7021	612	MOSES LAKE PORT PUMPHOUSE 1	Moses Lake	98837	Cleanup Started	2	8/24/1993
Grant	2678	81125158	Moses Lake Wellfield	Moses Lake	98837	Tracked by EPA	0	2/17/2010
Grant	2302	106	MOSES LK WF	Moses Lake	98837	Cleanup Started	0	8/31/1990
Grant	2872	107	MOSES LK WF SKYLINE	Moses Lake	98837	Cleanup Started	0	2/1/1993
Grant	3296	21743796	NICHOLSON DEVELOPMENT PROPERTIES INC	Moses Lake	98837	Cleanup Started	5	6/27/2007
Grant	6245	54137311	PARK N PAK MOSES LAKE	Moses Lake	98837	Cleanup Started	3	8/6/2008
Grant	1818	606	PM AG PRODUCTS INC MOSES LAKE	Moses Lake	98837	Cleanup Started	5	8/27/1991
Grant	1882	596	PUREGRO QUINCY	Quincy	98848	Awaiting Cleanup	5	8/27/1991
Grant	1914	608	PUREGRO WARDEN	Warden	98857	Awaiting Cleanup	4	8/27/1991
Grant	10939	88515682	QUINCY WATERMASTER CAMP	Quincy	98848	Cleanup Started	3	2/16/2011
Grant	1051	14193738	US BUREAU OF RECLAMATION	Grand Coulee	99133	Cleanup Started	5	8/18/2010
Grant	1618	2802409	WARDEN CITY WATER SUPPLY WELLS 4 & 5	Warden	98857	Cleanup Started	3	2/23/2005
Grant	506	52332779	WHITNEY DISTRIBUTING CO	Moses Lake	98837	Cleanup Started	1	2/27/2001
Grant	9214	44234797	WSDOT GEORGE MAINTENANCE SITE	George	98824	Cleanup Started	5	1/31/2014
Grays Harbor	10443	76293784	15 MINUTE LUBE	Hoquiam	98550	Cleanup Started	3	6/25/2014
Grays Harbor	10602	81441978	ABERDEEN POLICE DEPT CITY HALL	Aberdeen	98520	Cleanup Started	3	1/1/2016
Grays Harbor	548	33315723	Anderson & Middleton Co	Hoquiam	98550	Awaiting Cleanup	5	2/9/2007

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Grays Harbor	357	33541272	Apex Environmental	Hoquiam	98550	Awaiting Cleanup	5	2/11/2010
Grays Harbor	9264	45142528	BAY CITY SHOP ABERDEEN	Aberdeen	98520	Cleanup Started	1	6/10/2013
Grays Harbor	2404	1121	BERGS MARINE CONSTRUCTION & REPAIR	Hoquiam	98550	Awaiting Cleanup	2	8/22/1995
Grays Harbor	392	33548485	BNSF HOQUIAM SITE	Hoquiam	98550	Cleanup Started	2	8/8/2013
Grays Harbor	2576	28206	BUTCHERS SCRAP METAL INC	Hoquiam	98550	Awaiting Cleanup	1	1/28/2014
Grays Harbor	7824	8888315	CASCADE NATURAL GAS CORP DISTRICT OFC	Aberdeen	98520	Cleanup Started	3	1/16/2014
Grays Harbor	9800	58253768	CENEX	Satsop	98583	Cleanup Started	2	5/27/2014
Grays Harbor	8329	22586116	CHEVRON 93843	Elma	98541	Cleanup Started	2	3/18/2014
Grays Harbor	10951	88894421	CHEVRON 9-6708	Aberdeen	98520	Cleanup Started	5	3/12/2014
Grays Harbor	11066	92421271	CHEVRON BULK PLANT	Westport	98595	Cleanup Started	2	1/1/2016
Grays Harbor	4989	1137	CHEVRON STATION 1125	Hoquiam	98550	Cleanup Started	3	3/30/2015
Grays Harbor	4990	1138	CHEVRON STATION 91102	Aberdeen	98520	Cleanup Started	3	6/25/2014
Grays Harbor	9705	55626589	Copalis Crossing Texaco	Copalis Crossing	98536	Cleanup Started	3	4/2/2015
Grays Harbor	2311	1141	CRYSTAL STEAM BATHS	Aberdeen	98520	Cleanup Started	5	8/5/2005
Grays Harbor	10664	82757276	ENTUS LOG ROAD CONSTRUCTION CO INC	Aberdeen	98520	Cleanup Started	3	2/10/2015
Grays Harbor	10467	77165487	GASAMAT OIL CORP	Aberdeen	98520	Cleanup Started	2	3/25/2014
Grays Harbor	6389	62154192	GRAYS HARBOR COUNTY PUD 1 MAINT YARD	Aberdeen	98520	Cleanup Started	1	1/9/2015
Grays Harbor	7680	5988174	GRAYS HARBOR EQUIPMENT	Aberdeen	98520	Cleanup Started	5	1/1/2016
Grays Harbor	9993	64241737	GULL HOQUIAM	Hoquiam	98550	Cleanup Started	3	5/27/2014
Grays Harbor	10352	74116865	HARBOR TOOL RENTAL	Aberdeen	98520	Cleanup Started	3	12/12/2014
Grays Harbor	8681	31771524	HOQUIAM CITY OF LINCOLN ST SHOP	Hoquiam	98550	Cleanup Started	3	7/16/2014
Grays Harbor	2506	1115	HOQUIAM MUNICIPAL LANDFILL	Hoquiam	98550	Awaiting Cleanup	4	6/11/2013
Grays Harbor	2406	1130	HOWARD MOE ENTERPRISES	Hoquiam	98550	Awaiting Cleanup	3	2/20/1996
Grays Harbor	9697	55483231	HUBB'S MUFFLER	Aberdeen	98520	Awaiting Cleanup	3	12/4/2013
Grays Harbor	4988	1127	Hungry Whale Grocery	Westport	98595	Cleanup Started	2	9/7/1993
Grays Harbor	4647	8840748	IKAN AUTO WRECKING	Montesano	98563	Awaiting Cleanup	1	3/11/2014
Grays Harbor	8704	32277166	KAMAN BEARING & SUPPLY CORP	Aberdeen	98520	Cleanup Started	3	6/25/2014
Grays Harbor	8171	17523493	KRASOWSKI ESTATE PROPERTY	Aberdeen	98520	Cleanup Started	3	7/23/2014
Grays Harbor	10922	88269183	LAKE QUINAULT GARAGE	Quinault	98575	Cleanup Started	2	12/9/2013

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Grays Harbor	1725	97672932	Lamb Grays Harbor Co	Hoquiam	98550	Awaiting Cleanup	1	12/27/2013
Grays Harbor	7897	11477124	MAKI GARAGE	Aberdeen	98520	Cleanup Started	3	2/25/2014
Grays Harbor	8915	37135584	MAXI MINI MART (COSMOPOLIS)	Cosmopolis	98537	Cleanup Started	3	7/23/2014
Grays Harbor	6335	58141852	MCCLEARY TRANSIT CENTER	Mccleary	98557	Cleanup Started	3	1/1/2016
Grays Harbor	7806	8655483	MINI MART	Aberdeen	98520	Cleanup Started	3	1/1/2016
Grays Harbor	8631	29685123	MONTESANO CITY OF CITY SHOP	Montesano	98563	Cleanup Started	2	5/27/2014
Grays Harbor	8521	26655668	MONTESANO FIRE DEPT	Montesano	98563	Cleanup Started	2	8/5/2014
Grays Harbor	2529	1117	Most Western Laundry	Hoquiam	98520	Cleanup Started	1	8/27/1991
Grays Harbor	2803	2472930	PAKONEN BOATYARD	Aberdeen	98520	Cleanup Started	1	1/5/2015
Grays Harbor	3374	6508672	Pederson Property Montesano	Montesano	98563	Cleanup Started	1	5/31/2005
Grays Harbor	677	87399456	PETTIT OIL 640 700 OR 720 MYRTLE ST	Hoquiam	98550	Cleanup Started	1	7/30/2014
Grays Harbor	9243	44714997	R & G ELECTRONICS	Aberdeen	98520	Cleanup Started	3	6/30/2014
Grays Harbor	3845	4061791	RODERICK TIMBER CO	Junction City	98520	Construction Complete- Performance Monitoring	1	3/12/1991
Grays Harbor	849	9999535	SEARS AUTOMOTIVE CENTER ABERDEEN	Aberdeen	98520	Awaiting Cleanup	3	7/16/2014
Grays Harbor	1558	9401122	SHERMAN PROPERTY	Aberdeen	98520	Awaiting Cleanup	5	8/5/2005
Grays Harbor	9903	61846758	SOUTHLAND CORP 22478	Aberdeen	98520	Cleanup Started	3	1/15/2015
Grays Harbor	3289	8396916	STAJCAR PROPERTY	Copalis Beach	98535	Awaiting Cleanup	1	12/9/2013
Grays Harbor	6178	49931569	Sunshine Deli	Aberdeen	98520	Cleanup Started	5	1/1/2016
Grays Harbor	10425	75887849	SUPERIOR AUTO BODY & TOWING	Aberdeen	98520	Cleanup Started	3	11/25/2013
Grays Harbor	8265	21142429	TEXACO KEN HARRISON	Hoquiam	98550	Cleanup Started	3	6/26/2014
Grays Harbor	7986	13492255	TEXACO WISHKAH ABERDEEN	Aberdeen	98520	Cleanup Started	2	2/25/2014
Grays Harbor	6957	97193494	TONYS SHORT STOP	Montesano	98563	Cleanup Started	3	11/10/2005
Grays Harbor	10206	69672675	TRUS JOIST MACMILLAN	Elma	98541	Cleanup Started	2	4/13/2015
Grays Harbor	8808	34659643	US WEST ABERDEEN	Aberdeen	98520	Cleanup Started	3	1/1/2016
Grays Harbor	2310	1128	VIRGIL FOSTER	Montesano	98563	Awaiting Cleanup	1	8/22/1995
Grays Harbor	3335	4619393	WA DOT WEYERHAEUSER PONDS	Quinault	98575	Awaiting Cleanup	1	1/27/2014
Grays Harbor	8191	17952115	WESTERN TIMBER SALVAGE	Aberdeen	98520	Cleanup Started	5	1/1/2016

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Grays Harbor	5963	36813164	Whitneys Chev Inc	Montesano	98563	Cleanup Started	3	11/10/2005
Grays Harbor	7139	86125878	YOU & I MARKET	Pacific Beach	98571	Cleanup Started	1	4/1/2014
Island	4726	2016	Adamson Building	Langley	98260	Cleanup Started	5	8/2/2002
Island	11027	91445142	Coupes Greenbank Store	Greenbank	98253	Cleanup Started	5	12/26/2012
Island	2261	39633333	HARBOR AIRLINES	Oak Harbor	98277	Awaiting Cleanup	3	11/5/2002
Island	3426	4066617	Holmes Harbor Rod & Gun Club	Langley	98260	Awaiting Cleanup	4	10/14/2003
Island	1344	1087945	Hwy 20 & Sleeper Rd	Oak Harbor	98277	Awaiting Cleanup	1	12/23/2003
Island	4424	2006	MELCO MFG TRACT 4	Oak Harbor	98277	Awaiting Cleanup	5	8/20/2003
Island	7881	11217637	Naomi's Selfserve & Grocery Liberty 903	Langley	98260	Cleanup Started	3	4/4/2013
Island	4723	2007	OAK HARBOR LANDFILL	Oak Harbor	98277	Awaiting Cleanup	2	1/23/2009
Island	10177	68764476	Oak Harbor Motors	Oak Harbor	98277	Cleanup Started	5	1/29/2014
Island	9527	51964388	R-M Distributing Chevron	Oak Harbor	98277	Cleanup Started	1	12/16/2019
Island	9430	49182662	Simmons Garage	Clinton	98236	Cleanup Started	3	7/17/2013
Island	2378	130	US NAVY Air Station Whidbey Island Ault	Oak Harbor	98278	Cleanup Started	0	2/25/2004
Island	2503	136	US NAVY WHIDBEY HWES	Oak Harbor	98278	Cleanup Started	0	9/18/1992
Island	3038	137	US NAVY WHIDBEY LAKE HANCOCK	Oak Harbor	98278	Cleanup Started	1	3/8/1994
Island	2285	131	US NAVY WHIDBEY OU1	Oak Harbor	98278	Construction Complete-Performance Monitoring	0	2/22/1995
Island	2379	132	US NAVY WHIDBEY OU2	Oak Harbor	98278	Cleanup Started	0	2/22/1995
Island	2286	133	US NAVY WHIDBEY OU3	Oak Harbor	98278	Cleanup Started	0	2/22/1995
Island	3037	135	US NAVY WHIDBEY OU5	Oak Harbor	98278	Cleanup Started	0	2/22/1995
Island	4286	2015	WHIDBEY OIL	Clinton	98236	Awaiting Cleanup	5	2/29/2000
Island	1677	67449232	Whidbey Press	Oak Harbor	98277	Cleanup Started	5	2/12/2008
Jefferson	1559	9412888	ANDERSON PROPERTY OLD HADLOCK RD	Port Hadlock	98339	Awaiting Cleanup	1	12/28/2007
Jefferson	5941	36115596	BILLS GARAGE CHIMACUM	Chimacum	98325	Cleanup Started	2	4/10/2013
Jefferson	6945	96498799	BRINNON GENERAL STORE	Brinnon	98320	Cleanup Started	1	2/9/2011
Jefferson	8349	22956159	CHEVRON 5389	Port Townsend	98368	Cleanup Started	3	8/9/2017
Jefferson	3044	1148	CHEVRON BULK PLANT PORT TOWNSEND 1323	Port Townsend	98368	Cleanup Started	1	8/27/1991

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Jefferson	271	3828620	Glen Neet Buzzys Property Scrap Yard	Port Townsend	98368	Awaiting Cleanup	2	2/3/2010
Jefferson	4637	4776819	INDIAN POINT	Port Townsend	98368	Cleanup Started	3	8/1/2013
Jefferson	9540	52447879	JEFFERSON COUNTY QUILCENE SHOP SITE	Quilcene	98376	Cleanup Started	3	3/31/2015
Jefferson	2673	24761	LEES TRUCK REPAIR	Chimacum	98325	Cleanup Started	1	10/16/2012
Jefferson	3005	8531364	MOUNT BAKER BLOCK BUILDING	Port Townsend	98368	Awaiting Cleanup	5	7/27/2007
Jefferson	6824	89236919	PENNY SAVER MART	Port Townsend	98368	Cleanup Started	1	8/16/2011
Jefferson	6854	91762839	PORT LUDLOW GOLF COURSE	Port Ludlow	98365	Cleanup Started	3	12/26/2007
Jefferson	9514	51695615	QUILCENE GROCERY	Quilcene	98376	Cleanup Started	2	9/16/2015
Jefferson	1962	1079161	ROGER BROWN PROPERTY	Chimacum	98325	Awaiting Cleanup	3	8/4/2009
Jefferson	6880	93244565	SEABREEZE SHELL	Port Townsend	98368	Cleanup Started	5	9/25/2015
Jefferson	111	203	US NAVY PORT HADLOCK	Port Hadlock	98339	Cleanup Started	0	2/25/1992
Jefferson	1930	77922123	US NAVY PORT HADLOCK AREA 10	Port Hadlock	98339	Construction Complete-Performance Monitoring	0	2/25/1992
Jefferson	732	205	US NAVY PORT HADLOCK AREA 12	Port Hadlock	98339	Construction Complete-Performance Monitoring	0	2/22/1995
Jefferson	2653	88622324	US NAVY PORT HADLOCK AREA 21	Port Hadlock	98339	Cleanup Started	0	2/25/1992
King	12264	13242	3801 Stone Way LLC	Seattle	98103	Cleanup Started	3	8/15/1998
King	3110	74595148	3A Industries Inc	Seattle	98144	Cleanup Started	3	6/9/2015
King	2152	3229556	4th & Virginia	Seattle	98101	Cleanup Started	3	8/8/2013
King	5955	36542815	7-Eleven 19339	Redmond	98052	Cleanup Started	1	6/14/2016
King	10448	76437511	7-Eleven 23559	Bellevue	98005	Cleanup Started	4	8/8/2013
King	8390	23766347	80 S Hudson St	Seattle	98134	Cleanup Started	5	8/8/2013
King	5056	2072	8801 E Marginal Way S	Tukwila	98108	Cleanup Started	1	7/7/2008
King	10032	64987158	A & T Pump	Seattle	98108	Cleanup Started	3	8/21/2015
King	3160	2404	A1 Brake	Seattle	98122	Awaiting Cleanup	3	2/29/2000
King	78	2077	Ace Galvanizing	Seattle	98108	Awaiting Cleanup	3	8/27/1991



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King	5161	2586	Acme Intercity Freight	Seattle	98134	Cleanup Started	5	2/20/1998
King	79	2078	Acme Plating Works	Seattle	98103	Awaiting Cleanup	5	2/20/1998
King	817	2079	Advance Electroplating	Seattle	98108	Cleanup Started	5	8/27/1991
King	1376	1202016	Aesquivel	Seattle	98125	Awaiting Cleanup	4	1/25/2005
King	1484	7163112	Affordable Auto Wrecking	Seattle	98118	Awaiting Cleanup	5	7/10/2006
King	6324	57633623	Air Tec Company	Seattle	98108	Cleanup Started	4	7/1/2015
King	12	2081	Airco	Seattle	98108	Cleanup Started	3	12/5/2014
King	10921	88255195	Alaska Marine Lines	Seattle	98106	Cleanup Started	4	7/1/2015
King	4100	8112883	Alaska Street	Seattle	98108	Cleanup Started	5	6/9/2015
King	2921	4383003	Alaska Street 2	Seattle	98108	Cleanup Started	5	2/4/2015
King	1404	11415	Alaskan Copper Works	Seattle	98134	Cleanup Started	5	8/3/2015
King	5299	2806420	Alexis Hotel	Seattle	98104	Awaiting Cleanup	3	8/8/2013
King	6480	66253238	Allen Goumas Als 76	Kenmore	98028	Cleanup Started	4	8/8/2013
King	6418	63618231	Als Auto Bothell Wexler	Bothell	98011	Cleanup Started	4	8/8/2013
King	12004	3573	American Linen Supply Co Dexter Ave	Seattle	98109	Cleanup Started	1	10/5/2017
King	10000	64369793	Andys Diner	Seattle	98134	Cleanup Started	4	2/3/2014
King	1343	957206	Animal Clinic of Roxbury	Seattle	98106	Awaiting Cleanup	3	11/30/2015
King	10269	72111871	Armored Transport NW	Seattle	98122	Cleanup Started	5	7/1/2015
King	1901	19237	Arrow Metals Corp	Woodinville	98072	Awaiting Cleanup	3	2/27/2001
King	3548	88531932	Art Brass Plating Inc Seattle	Seattle	98108	Cleanup Started	3	8/10/2015
King	18	2142	Ash Grove Cement West Inc	Seattle	98134	Awaiting Cleanup	4	6/8/2016
King	31	2087	Asko Processing	Seattle	98103	Cleanup Started	5	3/9/1993
King	2981	2432	Associated Petrol Products Enumclaw	Enumclaw	98022	Cleanup Started	1	3/9/1993
King	12875	1576554	Astro Auto Wrecking	Federal Way	98003	Awaiting Cleanup	1	2/12/2016
King	3575	8162841	ATC Distribution Group	Seattle	98108	Awaiting Cleanup	4	2/4/2015
King	5073	2240	AUBURN ABANDONED FIRE STATION	Auburn	98002	Cleanup Started	3	3/12/1991
King	1993	2326	Auburn Salvage & Recycling	Auburn	98002	Awaiting Cleanup	1	8/20/1996
King	1833	19408	Aurora Cleaning McAbee	Seattle	98117	Awaiting Cleanup	5	8/29/2000
King	8248	19851881	Aurora Texaco	Shoreline	98133	Cleanup Started	3	8/9/2013
King	2551	39484867	B & B Partnership Area BB5	Kent	98032	Awaiting Cleanup	5	2/29/2000
King	3707	85171367	Bakkers Better Motors	Seattle	98103	Awaiting Cleanup	4	8/29/2000

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
King	11176	94925241	Ball Incon	Seattle	98134	Cleanup Started	4	8/8/2013
King	2030	2355	Ballard Recycling	Seattle	98107	Awaiting Cleanup	3	8/20/1997
King	8276	21429194	Ballard Transfer Co	Seattle	98107	Cleanup Started	3	8/8/2013
King	1922	2330	BALMER YARD BNR	Seattle	98199	Awaiting Cleanup	5	8/27/1991
King	3236	59898498	Bang USTs	Woodinville	98072	Cleanup Started	3	8/26/2003
King	2368	76716221	Barbee Mill Company	Renton	98065	Cleanup Started	3	7/30/2008
King	5085	2308	Bardahl	Seattle	98107	Awaiting Cleanup	2	8/20/1997
King	1844	83476734	Basin Oil Co Dallas Ave	Seattle	98108	Awaiting Cleanup	1	2/4/2015
King	2591	4547512	Bayview Development Partners	Seattle	98126	Awaiting Cleanup	4	6/9/2015
King	6012	39134499	BBC Dodge	Burien	98168	Cleanup Started	4	8/8/2013
King	2172	9897160	Bellevue at Main	Bellevue	98004	Cleanup Started	1	1/25/2021
King	8548	27573511	Bellevue Park Maintenance	Bellevue	98008	Cleanup Started	2	2/3/2014
King	1264	91759218	Bellevue Way Dry Cleaners	Bellevue	98004	Awaiting Cleanup	3	1/25/2005
King	1588	7118747	Blaser Die Casting Co	Seattle	98108	Cleanup Started	5	8/10/2015
King	15008	62773	Block 38 West	Seattle	98109	Cleanup Started	3	2/13/2020
King	2449	2573	BNRR Auburn	Auburn	98002	Awaiting Cleanup	1	8/2/2002
King	3336	6241773	BNRR Switching Yard Cedar Falls	Cedar Falls	98045	Awaiting Cleanup	5	2/29/2000
King	34	2104	BNSF Railway Skykomish	Skykomish	98288	Cleanup Started	1	8/30/1991
King	567	56652786	Boathouse Inc Renton Skyway	Seattle	98178	Cleanup Started	3	2/4/2015
King	9354	47157762	Bob's Texaco Station	Seattle	98108	Cleanup Started	5	2/4/2015
King	5049	2018	Boeing Auburn	Auburn	98001	Cleanup Started	3	8/31/1999
King	5059	2101	Boeing Developmental Center	Tukwila	98108	Cleanup Started	1	2/13/2019
King	7030	2551	Boeing Field Chevron	Tukwila	98168	Cleanup Started	3	8/7/2014
King	1944	2218	Boeing Isaacson Thompson	Tukwila	98108	Cleanup Started	2	7/31/2008
King	12904	14532	Boeing Military Flight Center	Tukwila	98168	Cleanup Started	2	1/20/2019
King	1244	2225	Boeing Northward Lot 4	Kent	98032	Cleanup Started	4	8/15/1990
King	96	2100	Boeing Plant 2	Seattle	98108	Cleanup Started	1	2/25/1992
King	820	2097	Boeing Renton	Renton	98055	Cleanup Started	1	2/18/1997
King	5084	2302	Bothell BP 11352	Bothell	98011	Construction Complete- Performance Monitoring	3	6/30/1994
King	3013	73975762	Bothell Landing	Bothell	98011	Cleanup Started	2	8/12/2009

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King	3051	93536765	Bothell Paint & Decorating	Bothell	98011	Cleanup Started	1	8/12/2009
King	9633	54287319	Boulevard Auto Service	Burien	98168	Cleanup Started	1	2/4/2015
King	57	2103	Bow Lake Landfill	Tukwila	98188	Awaiting Cleanup	2	10/16/2015
King	4426	2024	BP Harbor Island Terminal	Seattle	98134	Cleanup Complete- Active O&M/Monitoring	0	8/15/1990
King	12437	12982	Brighton Beach Autobody	Seattle	98118	Awaiting Cleanup	3	8/19/2015
King	6745	83988889	Brown Bear Car Wash 5495	Kirkland	98034	Cleanup Started	4	2/3/2014
King	8746	33325885	BROWN BEAR CAR WASH 5517	Des Moines	98198	Cleanup Started	4	8/8/2013
King	1431	2251	Brundage Bone Concrete	Kent	98032	Cleanup Started	3	2/28/1998
King	2258	31119678	Brys Auto Wrecking	Seattle	98106	Cleanup Started	3	8/28/2001
King	58	2105	BSB Diversified Co Inc	Kent	98032	Cleanup Started	1	10/20/2009
King	2990	4521912	BSB Hexcel	Kent	98032	Cleanup Started	1	7/28/2004
King	1071	82663557	Burdic Feed Inc	Kent	98032	Awaiting Cleanup	5	7/30/2004
King	3001	6341214	Burger King Elliott Ave	Seattle	98119	Awaiting Cleanup	5	7/25/2007
King	9475	51076124	BURIEN CITY RIGHT OF WAY	Burien	98146	Cleanup Started	1	8/8/2013
King	7861	9911745	BURIEN FUEL	Seatac	98168	Cleanup Started	5	8/8/2013
King	2622	47779679	Burlington Environmental LLC Georgetown	Seattle	98108	Cleanup Started	4	8/10/2015
King	8790	34221612	Butler Garage	Seattle	98104	Cleanup Started	4	8/8/2013
King	7435	1644381	Butterworth Funeral Home	Seattle	98119	Awaiting Cleanup	3	8/8/2013
King	1607	2288	C & F Auto Wrecking	Duvall	98019	Awaiting Cleanup	1	8/25/1992
King	10139	67812977	Camcal Co Inc	Seattle	98108	Cleanup Started	4	2/9/2018
King	4527	11598755	Capital Industries Inc	Seattle	98108	Awaiting Cleanup	3	8/10/2015
King	3694	2441	Carlos Undercoating Sandblast	Seatac	98188	Awaiting Cleanup	4	8/29/2000
King	6927	95498636	Caseys Shell	Issaquah	98027	Cleanup Started	1	8/2/2010
King	1145	2185	Central Painting	Seattle	98106	Cleanup Started	2	2/1/1991
King	1241	2198	Champion Intl Ballard Sed	Seattle	98119	Cleanup Started	1	8/22/1995
King	464	5582021	Chan Family Vineyards	Seattle	98134	Awaiting Cleanup	3	6/9/2015
King	1103	23332719	Chemcentral Seattle	Kent	98032	Cleanup Started	1	8/15/1990
King	8346	22813117	CHEVRON 200028	Federal Way	98023	Cleanup Started	5	2/3/2014
King	2650	78597266	Chevron 200410	Shoreline	98133	Cleanup Started	1	8/7/2018
King	6537	70996824	Chevron 209335	Seattle	98103	Cleanup Started	1	2/7/2018
King	6422	63938375	Chevron 211551	Seattle	98106	Cleanup Started	2	12/5/2017

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
King	10632	81966648	Chevron 90129	Seattle	98105	Cleanup Started	1	10/6/2017
King	6018	39228129	Chevron 90333	Seattle	98144	Cleanup Started	3	6/9/2015
King	7446	1792892	Chevron 90636	Seattle	98134	Awaiting Cleanup	4	2/4/2015
King	10475	77275183	CHEVRON 90709	Fall City	98024	Cleanup Started	1	8/8/2013
King	5112	2472	Chevron 90968	Seattle	98107	Cleanup Started	3	8/7/2018
King	10711	83879769	CHEVRON 91841	Bellevue	98004	Cleanup Started	1	8/8/2013
King	7707	6541715	CHEVRON 92175	Bellevue	98005	Cleanup Started	5	2/3/2013
King	11141	94213842	CHEVRON 93299	Bothell	98011	Awaiting Cleanup	4	8/9/2013
King	2116	53482918	Chevron 97451	Bellevue	98004	Cleanup Started	4	8/7/2018
King	6082	43643315	Chevron 98484	Seattle	98108	Cleanup Started	4	2/4/2015
King	7687	6215454	CHEVRON 99269	Bellevue	98004	Cleanup Started	4	8/8/2013
King	3133	6495599	Chevron Bulk 208576	Kent	98032	Cleanup Started	5	8/19/2002
King	2822	2524	Chevron Bulk 61002620	Grotto	98288	Awaiting Cleanup	3	8/22/1995
King	2132	2344	Chevron Seattle Terminal 4097	Seattle	98134	Cleanup Started	2	12/28/2015
King	10507	77989332	CHEVRON STATION NORTH BEND	North Bend	98045	Cleanup Started	1	8/8/2013
King	8452	24939396	Chevron Vacant Site	Seattle	98109	Cleanup Started	3	8/8/2013
King	82	2110	Chromium Inc	Seattle	98104	Awaiting Cleanup	5	2/20/1998
King	5119	2487	CHS Auburn	Auburn	98002	Cleanup Started	3	8/22/1995
King	6835	89935929	Chuck's Ballard Service	Seattle	98107	Cleanup Started	3	8/8/2013
King	5089	2322	Circle K 1461	Seattle	98112	Cleanup Started	3	6/30/1994
King	4137	13523822	City Commerce Park Deep GW	Seattle	98134	Cleanup Started	5	8/18/2015
King	1262	75845999	Clean M Rite	Seattle	98119	Cleanup Started	1	8/26/2013
King	8173	17535113	COAST CRANE	Seattle	98134	Cleanup Started	5	8/8/2013
King	5652	18965792	Coatings Unlimited Inc Kent	Kent	98032	Cleanup Started	4	8/21/2015
King	11082	92728218	Coldeen Old Gas Station	Vashon	98070	Cleanup Started	5	8/8/2013
King	1841	77732426	Coleman Creosoting Works	Seattle	98119	Cleanup Started	5	1/30/2009
King	11129	93973477	Commuter Center Garage	Seattle	98104	Cleanup Started	5	8/8/2013
King	6262	54757868	Consolidated Freightways Seattle	Seattle	98108	Cleanup Started	4	6/9/2015
King	5986	37878256	Corvair Forge	Seattle	98106	Cleanup Started	3	2/4/2015
King	692	2588	Corvox Inc	Kent	98042	Cleanup Started	2	8/29/2000
King	11127	93927211	Crosby Auto Repair	Seattle	98108	Cleanup Started	4	7/1/2015
King	3377	8724112	Crowell Residence	Tukwila	98168	Awaiting Cleanup	5	8/10/2015

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King	2520	1940187	Crowley Marine Services 8th Ave S	Seattle	98108	Cleanup Started	2	2/5/2008
King	9285	45575896	DAMASCUS BAPTIST CHURCH	Seattle	98118	Cleanup Started	3	8/11/2014
King	9418	48839443	Darigold Seattle Rainier	Seattle	98118	Cleanup Started	3	7/1/2015
King	10298	72836574	Davis Door Service Inc	Seattle	98144	Cleanup Started	4	2/10/2018
King	8900	36716241	Dawson Street Land Co	Seattle	98134	Cleanup Started	5	7/1/2015
King	8181	17754768	Deeny Construction	Seattle	98144	Cleanup Started	3	7/1/2015
King	9450	49549573	Discount Office Furniture	Seattle	98134	Cleanup Started	5	7/1/2015
King	749	2578	Discovery Park Old Maintenance Yard	Seattle	98199	Awaiting Cleanup	5	8/20/2002
King	6967	97573251	Douglas Management Dock	Seattle	98106	Cleanup Started	5	8/2/2010
King	9240	44666249	DOYLES AUTOMOTIVE SERVICE	Seattle	98126	Cleanup Started	5	8/8/2013
King	10409	75459442	Draper Associates	Seattle	98134	Cleanup Started	5	2/3/2014
King	2104	4907326	Driveway 1025 S Central Ave	Kent	98032	Awaiting Cleanup	3	8/3/2010
King	77	2063	Duwamish Fill Site	Seattle	98168	Cleanup Started	1	2/9/2018
King	4146	21945598	Duwamish Marine Center	Seattle	98108	Cleanup Started	1	2/15/2012
King	2732	29959714	Duwamish River Slip 4	Seattle	98108	Cleanup Started	0	4/29/2003
King	54	2071	Duwamish Shipyard	Seattle	98106	Cleanup Started	2	2/14/2007
King	2269	82527483	E & E Foods Building	Seattle	98108	Cleanup Started	5	2/4/2015
King	4105	8257245	E Marginal Way ROW Grade Project	Seattle	98134	Cleanup Started	3	8/10/2015
King	6496	66838715	East West Investments	Seattle	98144	Cleanup Started	3	8/18/2015
King	1432	2258	Eastern Supply Co	Seattle	98108	Construction Complete- Performance Monitoring	2	2/1/1991
King	5834	29429665	Easteys ARCO	Seattle	98118	Cleanup Started	5	2/4/2015
King	3896	55245214	Edwards on Fifth	Seattle	98121	Cleanup Started	5	8/8/2013
King	1331	2247	Electrofinishing Co	Auburn	98002	Awaiting Cleanup	4	8/20/1997
King	2163	5194972	Elliott Ave MGP	Seattle	98119	Cleanup Started	1	8/8/2013
King	3458	301518	Elliott Bay Bicycles	Seattle	98121	Awaiting Cleanup	5	1/8/2008
King	11210	95698261	Elliott Bay Marina	Seattle	98119	Cleanup Started	4	8/9/2013
King	7321	94563865	Elliott Tire & Service Co	Seattle	98134	Cleanup Started	5	8/8/2013
King	6584	73338176	Emerald Gateway	Seattle	98118	Cleanup Started	5	2/9/2018
King	1305	2084	Emerald Tool	Seattle	98108	Awaiting Cleanup	5	2/28/1997

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
King	12067	15675	Emmanuels Carpet & Upholstery Cleaning	Seattle	98144	Awaiting Cleanup	3	7/1/2015
King	3888	11385314	Engineered Coating Systems	North Bend	98045	Awaiting Cleanup	1	2/20/2002
King	1201	75996239	Enterprises NW	Seattle	98134	Cleanup Started	4	8/17/2018
King	53	2069	ER & JR Sutter	Seattle	98199	Cleanup Started	1	9/10/1990
King	7471	2332756	Ernies Fuel Stop Enumclaw	Enumclaw	98022	Cleanup Started	3	8/8/2013
King	8967	38261145	EXOTIC MOTORS	Redmond	98052	Cleanup Started	1	8/8/2013
King	10813	85348955	Exxon 72428	Kirkland	98034	Cleanup Started	4	8/9/2013
King	10255	71688393	Exxon 72864	Bellevue	98007	Cleanup Started	1	2/3/2014
King	9417	48796862	Exxon 72894	Seattle	98178	Cleanup Started	1	2/4/2015
King	9883	61442182	EXXON 77176	Seattle	98178	Cleanup Started	1	8/11/2014
King	6432	64295469	EXXON 79049	Seattle	98118	Cleanup Started	1	8/11/2014
King	385	18434384	Family Fun Center	Tukwila	98188	Cleanup Started	1	1/20/2019
King	3441	73876963	FedEx Express BFIA	Seattle	98108	Cleanup Started	4	6/9/2015
King	2422	2568	Fields Corp Kent	Kent	98032	Cleanup Started	1	2/20/1998
King	1427	2201	First Ave Bridge Landfill	Seattle	98106	Awaiting Cleanup	4	1/22/2004
King	4230	98981573	Fisher Property	Seattle	98118	Awaiting Cleanup	5	8/1/2003
King	8421	24422372	FLAJOLE BROS INC	Seattle	98134	Cleanup Started	5	8/8/2013
King	8799	34467932	Food Service International	Seattle	98134	Cleanup Started	5	8/8/2013
King	5542	12627628	Four Seasons Car Wash	Bellevue	98005	Cleanup Started	4	8/8/2013
King	10611	81551293	FOURTH & COLUMBIA PARKING GARAGE	Seattle	98104	Cleanup Started	3	8/8/2013
King	5082	2282	Fox Ave Building	Seattle	98108	Cleanup Started	1	2/25/1994
King	10235	71287498	Franks	Seattle	98178	Cleanup Started	1	7/1/2015
King	1755	2337	Franks Used Cars	Seattle	98108	Awaiting Cleanup	4	6/9/2015
King	2979	2402	Gaco Western	Tukwila	98188	Cleanup Started	3	2/10/1993
King	9939	62662967	Gais Bakery	Seattle	98144	Cleanup Started	3	7/1/2015
King	1836	20194	Galvin Quad Lease Area Remediation	Seattle	98108	Cleanup Started	4	8/6/2015
King	7758	7727938	Gary Merlino Construction	Seattle	98108	Cleanup Started	4	2/4/2015
King	2876	139	Gas Works Park	Seattle	98103	Cleanup Started	1	8/15/1990
King	2446	2522	General Electric Aviation Div	Seattle	98108	Cleanup Started	2	2/20/1996
King	4070	2035	General Transport Co 13th Ave SW	Seattle	98134	Cleanup Started	0	2/23/2005
King	97	2123	Genesee Landfill	Seattle	98118	Awaiting Cleanup	1	6/9/2015

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King	599	23881883	Glacier Northwest Inc	Seattle	98106	Cleanup Started	1	8/27/1991
King	9951	63168342	Glitsa American Inc	Seattle	98108	Cleanup Started	3	7/1/2015
King	2997	6258254	Goodwill Corp Dearborn Campus	Seattle	98144	Cleanup Started	2	2/15/2007
King	3018	97763114	Grand Street Commons	Seattle	98144	Cleanup Started	3	6/9/2015
King	10261	71749732	Gray Line of Seattle	Seattle	98134	Cleanup Started	5	2/3/2014
King	7490	2563622	GULL 219	Seattle	98134	Cleanup Started	5	8/8/2013
King	229	1557860	Halfon Candy Co	Seattle	98108	Awaiting Cleanup	4	6/9/2015
King	12573	8137128	Hangar 5 KCIA	Seattle	98108	Awaiting Cleanup	4	8/21/2015
King	6574	72811433	Hangar Holdings Inc	Seattle	98108	Cleanup Started	4	8/18/2015
King	211	2127	Harbor Ave Landfill	Seattle	98126	Cleanup Started	0	2/23/2005
King	4390	2021	HARBOR ISLAND	Seattle	98134	Cleanup Started	0	9/10/1990
King	1372	989871	Harbor Island East Waterway	Seattle	98134	Cleanup Started	0	8/28/2005
King	8802	34525399	Harbor Marina Corporate Center	Seattle	98134	Cleanup Started	5	8/8/2013
King	8076	15199671	HARBORVIEW HOSPITAL	Seattle	98104	Cleanup Started	5	2/3/2014
King	647	67887948	Harrington Beall Greenhouses	Vashon	98070	Awaiting Cleanup	2	7/10/2006
King	6333	57951531	Helmer Auto Parts	Seattle	98118	Cleanup Started	1	8/11/2014
King	2638	25793762	Herman Property	Federal Way	98023	Awaiting Cleanup	1	2/7/2002
King	6009	38816892	Hertz Corp	Seatac	98148	Cleanup Started	3	8/8/2013
King	7629	5264467	Herzog Glass	Seattle	98144	Cleanup Started	1	2/9/2018
King	10086	66375482	HOBART CORPORATION	Redmond	98052	Cleanup Started	2	2/3/2014
King	4040	8747316	Holly Park	Seattle	98118	Cleanup Started	1	8/3/2015
King	8758	33457373	HOLMAN BODY & FENDER	Seattle	98121	Cleanup Started	1	8/8/2013
King	7372	2132	Holnam Inc	Seattle	98106	Cleanup Started	5	7/1/2015
King	2112	43881387	House of Kleen	Seattle	98126	Awaiting Cleanup	2	8/3/2002
King	12327	7025	Hui Intertrading Beacon Ave	Seattle	98144	Awaiting Cleanup	3	8/19/2015
King	9114	42127616	Hurlen Construction	Seattle	98108	Cleanup Started	4	2/3/2015
King	1758	2356	Hydraulic Repair & Design Inc	Kent	98032	Cleanup Started	3	9/7/1993
King	11021	91358149	I & M Associates	Mercer Island	98040	Cleanup Started	4	8/8/2013
King	12298	9309618	Independent Metals Plant 1	Seattle	98108	Awaiting Cleanup	4	10/30/2015
King	12300	16139	Independent Metals Plant 2	Seattle	98108	Awaiting Cleanup	4	10/30/2015
King	62	2154	Industrial Container Services WA LLC	Seattle	98108	Cleanup Started	4	8/27/1991
King	4288	2033	INDUSTRIAL OFFICE COMPLEX	Seattle	98134	Cleanup Started	0	2/23/2005

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King	794	2133	Industrial Plating Corp	Seattle	98134	Cleanup Started	4	2/29/2000
King	5091	2331	INTERBAY BNR	Seattle	98119	Cleanup Started	1	8/27/1991
King	2055	2335	Interstate Coatings	Seattle	98108	Awaiting Cleanup	2	8/18/1998
King	8481	2335	Interstate Coatings LUST	Seattle	98108	Cleanup Started	3	7/1/2015
King	2361	2316	ISLAND AUTO WRECKING I	Vashon	98070	Awaiting Cleanup	3	2/27/2001
King	4259	23199267	ISLAND AUTO WRECKING II	Vashon	98070	Awaiting Cleanup	5	2/27/2001
King	3534	15842283	Issaquah Sportsmen Club 1	Issaquah	98027	Awaiting Cleanup	3	1/25/2005
King	3244	98935455	Issaquah Sportsmen Club 2	Issaquah	98027	Awaiting Cleanup	4	2/20/2002
King	6774	85883854	Ivars Commissary	Seattle	98109	Cleanup Started	3	8/8/2013
King	7653	5645875	Jack in the Box 4th & Holgate	Seattle	98134	Cleanup Started	4	8/8/2013
King	7380	2253	James Hardie Gypsum	Seattle	98134	Cleanup Started	4	7/1/2015
King	5103	2431	James Oil Co Inc	Enumclaw	98022	Cleanup Started	1	3/9/1993
King	4191	98913848	Japanese Auto Wrecking	Kent	98032	Awaiting Cleanup	2	2/29/2000
King	3722	1339184	JC Commercial Properties LLC	Seattle	98109	Awaiting Cleanup	5	2/14/2007
King	2027	2323	Jefferson Street Bus Barn	Seattle	98122	Awaiting Cleanup	3	8/10/2015
King	8860	35763494	Jergens Painting	Seattle	98144	Awaiting Cleanup	3	7/1/2015
King	7862	9911745	JOE'S INC	Seatac	98168	Cleanup Started	5	8/8/2013
King	2906	2446	JOHNNYS WRECKING YARD	Woodinville	98072	Awaiting Cleanup	2	2/18/1997
King	9485	51248918	Jones Building	Seattle	98126	Cleanup Started	3	2/13/2018
King	11177	94931167	Jones Washington Stevedoring	Seattle	98106	Cleanup Started	5	7/1/2015
King	3689	2382	Jorgensen Forge Corp	Seattle	98108	Cleanup Started	1	8/25/1993
King	9838	59337954	Jumbo Deli 76	Tukwila	98168	Cleanup Started	4	8/19/2015
King	12485	23347	KC Roads S Rose St Heating Oil Tank	Seattle	98108	Cleanup Started	4	8/6/2015
King	5053	2051	KCIA Maintenance Shop LUST	Seattle	98108	Cleanup Started	4	10/14/2015
King	12226	20958	KCIA Standard Gas Station	Seattle	98108	Awaiting Cleanup	4	8/21/2015
King	5064	2163	Kelly Moore Paint Co	Seattle	98108	Cleanup Started	5	8/18/1998
King	2134	2348	Kenmore Industrial Park	Kenmore	98028	Cleanup Started	1	2/25/1992
King	7668	5741946	Kennedy Hotel Garage	Seattle	98101	Cleanup Started	3	8/8/2013
King	4428	2042	Kent Highlands Landfill	Kent	98032	Cleanup Complete-Active O&M/Monitoring	0	9/10/1990
King	1125	33353226	Kent Sewage Lagoons	Kent	98032	Cleanup Started	4	10/20/2009
King	2983	2457	Kevik Cleaners	Bellevue	98004	Awaiting Cleanup	4	8/20/1999



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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
King	256	4706	Key Bank McAbee Property	Seattle	98117	Cleanup Started	5	2/6/2002
King	6811	88394523	Kinder Morgan Liquids Terminals LLC	Seattle	98134	Cleanup Complete-Active O&M/Monitoring	0	8/15/1990
King	7027	2020	King County Cedar Hills Landfill	Maple Valley	98038	Cleanup Started	5	8/2/1992
King	5825	28986332	King County Goat Hill Parking	Seattle	98104	Cleanup Started	5	7/25/2007
King	5146	2552	King County Metro Transit PD HQ	Seattle	98134	Cleanup Started	5	8/18/2015
King	7790	8422289	King County Metro Transit S Annex	Tukwila	98168	Cleanup Started	1	8/19/2015
King	7077	34128282	King County Metro Transit South Base	Tukwila	98168	Construction Complete-Performance Monitoring	1	2/1/1991
King	12255	27585467	King County Orcas Street Facility	Seattle	98108	Cleanup Started	5	8/10/2015
King	2794	98435559	King County Sunset Park Tub Lake Dump	Seatac	98168	Cleanup Started	3	2/25/1992
King	7711	6581764	KING STREET CENTER	Seattle	98104	Cleanup Started	5	8/8/2013
King	6709	81722847	Kingdome Station	Seattle	98134	Cleanup Started	5	8/8/2013
King	318	2576	KIRKLAND AVE LAKE ST TRUNK SEWER	Kirkland	98033	Awaiting Cleanup	5	2/29/2000
King	11345	99157494	Kmart 4225	Seattle	98106	Cleanup Started	4	8/9/2013
King	1215	82774832	Kwik Cleaners	Seattle	98144	Cleanup Started	2	1/24/2020
King	1164	2256	L & E French Cleaners	Seattle	98112	Awaiting Cleanup	2	8/20/1999
King	3116	2580571	Labrador Property	Auburn	98092	Cleanup Started	4	1/20/2019
King	5087	2320	Laidlaw	Seattle	98108	Cleanup Started	4	9/10/1990
King	1158	2203	Lake Union Dry Dock Co	Seattle	98102	Awaiting Cleanup	2	4/25/1991
King	1947	2250	Lake Union Steam Plant	Seattle	98109	Awaiting Cleanup	5	2/23/1993
King	7657	5661742	Lakeside at Leschi Condos	Seattle	98122	Cleanup Started	5	2/3/2014
King	60	2139	Landsburg Mine	Ravensdale	98051	Cleanup Started	1	8/15/1991
King	1433	2265	LAURELHURST OIL CO	Seattle	98133	Awaiting Cleanup	4	2/29/2000
King	2218	5147650	Le & Thuy Property	Seattle	98118	Awaiting Cleanup	3	8/8/2013
King	7373	2140	Lee & Eastes Tank Lines	Seattle	98134	Cleanup Started	5	8/18/2015
King	4483	95195341	LEMONBUSTERS	Seattle	98178	Awaiting Cleanup	3	2/6/2002
King	463	5568786	Lennox Industries Inc	Seattle	98108	Awaiting Cleanup	3	2/4/2015
King	8133	16399536	Lennys Fuel East	Seattle	98106	Cleanup Started	5	7/1/2015
King	8299	21915527	Lennys Fuel West	Seattle	98106	Cleanup Started	5	8/11/2014

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
King	1983	39341377	Lewiston Hotel	Seattle	98121	Cleanup Started	5	1/8/2008
King	1309	2141	LIDCO	Kent	98032	Cleanup Started	1	12/1/2000
King	9751	56662476	Liquid Air	Kent	98032	Cleanup Started	3	2/3/2014
King	3163	2423	LITTLE ETHELS AUTO WRECKING	Seattle	98178	Awaiting Cleanup	1	8/28/2001
King	5833	29398283	Lloyds Rocket & Heating Oil Co	Seattle	98144	Cleanup Started	1	6/9/2015
King	5070	2226	Longview Fibre Paper & Packaging Inc	Seattle	98134	Cleanup Started	5	8/15/1990
King	10135	67737549	LOOMIS ARMORED TRANSPORT	Seattle	98134	Cleanup Started	5	8/8/2013
King	2008	1880040	Lora Lake Apartments	Burien	98148	Cleanup Started	1	8/12/2009
King	2198	34824474	LOUDON REAL ESTATE	Seatac	98188	Awaiting Cleanup	5	7/30/2004
King	1643	42927743	Lower Duwamish Waterway	Seattle	98108	Cleanup Started	0	2/26/2002
King	3798	2430	Manitowak Western	Seattle	98108	Cleanup Started	3	2/4/2015
King	5055	2067	MARALCO	Kent	98032	Cleanup Started	2	8/15/1990
King	8993	38921541	Marine Lumber Service S Chicago St	Seattle	98108	Cleanup Started	4	8/3/2015
King	10349	73969348	Marine Lumber Service S Kenyon St	Seattle	98108	Cleanup Started	5	8/3/2015
King	12151	38921541	Marine Lumber Service S Monroe R-O-W	Seattle	98108	Cleanup Started	4	8/3/2015
King	1943	2216	Marine Vacuum Service	Seattle	98108	Cleanup Started	3	8/15/1990
King	2790	84152951	MARSHALL RESIDENCE	Renton	98056	Awaiting Cleanup	4	8/16/2005
King	1102	18421913	Martin Selig Property	Seattle	98121	Cleanup Started	3	8/8/2013
King	3590	51379913	Mastercraft Metal Finishing	Seattle	98109	Awaiting Cleanup	4	2/29/2000
King	11275	97268417	McConkey Property	Tukwila	98168	Cleanup Started	5	8/3/2015
King	1177	87719977	Meeker Cleaners	Kent	98032	Cleanup Started	3	8/3/2010
King	8526	26838996	Mehrer Drywall	Seattle	98199	Cleanup Started	3	2/3/2014
King	1311	2148	Metal Laundry Inc	Seattle	98122	Cleanup Started	2	8/20/1999
King	1275	2217	Metro Lake Union	Seattle	98103	Cleanup Complete-Active O&M/Monitoring	1	8/30/1991
King	10302	72998672	Midas Muffler Fauntleroy	Seattle	98126	Cleanup Started	3	12/5/2017
King	3108	64422957	MIDWAY MOTORS	Des Moines	98198	Awaiting Cleanup	5	2/29/2000
King	3159	2389	MIDWAY SEATAC AUTO WRECKING	Federal Way	98003	Awaiting Cleanup	5	8/29/2000
King	566	56584198	Mikes Quality Automotive	Enumclaw	98022	Awaiting Cleanup	4	8/29/2000

## Hazardous Sites List (HSL) Information

County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
King	7721	6924961	Mikes Texaco	Seattle	98108	Cleanup Started	5	12/5/2017
King	5357	5268606	Mobil 19748	Seattle	98107	Cleanup Started	3	8/9/2007
King	5487	9463150	Mobile Service Brakes	Seattle	98134	Cleanup Started	5	8/8/2013
King	3487	45397859	MOBILE SERVICES	Seattle	98146	Awaiting Cleanup	4	8/18/1998
King	4378	95231135	MOIMOI PROPERTY	Seattle	98168	Awaiting Cleanup	5	8/29/2000
King	344	7979452	Montgomery Property	Seattle	98177	Cleanup Started	5	8/8/2013
King	12406	8101	Morningside Acres Tracts North	Seattle	98118	Awaiting Cleanup	3	8/19/2015
King	12408	4321	Morningside Acres Tracts South	Seattle	98118	Awaiting Cleanup	3	8/19/2015
King	2711	4583992	Moss G Milan Property	Seattle	98134	Cleanup Started	3	8/3/2015
King	11447	96127971	Mount Baker Cleaners	Seattle	98144	Cleanup Started	3	7/1/2015
King	10739	84464558	Mount Pleasant Cemetery	Seattle	98119	Cleanup Started	5	8/8/2013
King	11334	98798343	Museum of Flight Property	Seattle	98108	Awaiting Cleanup	4	7/1/2015
King	7478	2436937	Nash Holland Denny Investors	Seattle	98109	Cleanup Started	3	8/8/2013
King	10342	73845797	NATIONAL TRANSFER	Seattle	98134	Cleanup Started	5	2/3/2014
King	8917	37151266	NC Machinery Lift Truck	Tukwila	98188	Cleanup Started	4	8/19/2015
King	5071	2227	NC Machinery Tukwila	Tukwila	98188	Cleanup Started	1	8/18/2015
King	1714	48687422	NELSON PROPERTY H & R AUTOMOTIVE	Auburn	98002	Awaiting Cleanup	4	2/7/2002
King	1707	48839659	Newell Properties	Seattle	98134	Cleanup Started	5	8/8/2013
King	297	2579	NIEDERLE PROPERTY	Federal Way	98003	Awaiting Cleanup	5	8/29/2000
King	4287	2026	NON FERROUS METALS	Seattle	98134	Cleanup Started	0	2/23/2005
King	11248	96556255	Nordstrom Distribution Center	Tukwila	98188	Cleanup Started	3	8/19/2015
King	10655	82682276	NORTH BEND TEXACO	North Bend	98045	Cleanup Started	1	8/8/2013
King	4765	2050	North Boeing Field Georgetown Steam Plant	Seattle	98108	Cleanup Started	5	8/25/1993
King	5062	2153	North Coast Chemical	Seattle	98108	Cleanup Started	1	2/4/2015
King	853	23849623	Northlake Shipyard	Seattle	98103	Cleanup Started	4	3/9/1993
King	14464	10012	Northtowne Shopping Center	Bellevue	98004	Awaiting Cleanup	2	8/9/2019
King	2421	2536	Northwest Enviroservice 2	Seattle	98108	Awaiting Cleanup	4	6/9/2015
King	2447	2537	Northwest Enviroservice 2W	Seattle	98108	Awaiting Cleanup	1	2/4/2015
King	11223	95914926	Northwest Motor Parts	Seattle	98134	Cleanup Started	5	8/8/2013
King	3068	2390	Northwest Pipeline Covington MS	Covington	98042	Cleanup Started	3	2/28/1997
King	2776	2395	Northwest Pipeline Enumclaw Buckley	Auburn	98092	Cleanup Started	2	2/28/1997

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
King	2977	2393	Northwest Pipeline Issaquah	Issaquah	98027	Awaiting Cleanup	3	8/20/1996
King	3272	2392	Northwest Pipeline Seattle	Renton	98055	Cleanup Started	3	2/28/1997
King	1361	2231	Northwest Plating	Seattle	98108	Cleanup Started	2	8/16/2019
King	1887	2332	NORTHWEST POWDER COATS	Kent	98032	Cleanup Started	3	8/27/1991
King	5072	2234	NW Market Street	Seattle	98107	Cleanup Started	5	8/22/1995
King	10763	84832436	Oberto Sausage Company	Seattle	98134	Cleanup Started	4	7/1/2015
King	9551	52738943	Oden Investment Condos	Seattle	98119	Cleanup Started	5	8/8/2013
King	6803	87886749	Ohno Construction Co	Seattle	98118	Awaiting Cleanup	5	2/4/2015
King	1332	2261	OLD LAWSON RD	Black Diamond	98010	Awaiting Cleanup	1	8/27/1991
King	3796	2412	Olympian Apartments	Seattle	98122	Awaiting Cleanup	4	8/29/2000
King	2978	2400	Olympic Pipe Line Co Renton Station	Renton	98057	Cleanup Started	2	2/17/1998
King	9298	45787437	Olympic Steel Door	Seattle	98108	Cleanup Started	4	2/4/2015
King	954	6427	Overlake Cleaners	Redmond	98052	Cleanup Started	1	2/18/1997
King	788	2065	Pacific Car & Foundry Co	Renton	98057	Construction Complete- Performance Monitoring	0	9/10/1991
King	1659	24455479	Pacific Coast Hemphill Oil Co	Seattle	98126	Cleanup Started	4	6/9/2015
King	4462	2023	PACIFIC MOLASSES CO PM AG PRODUCTS SEA	Seattle	98134	Cleanup Started	0	2/23/2005
King	12033	76478594	Paine Corporation	Seattle	98144	Awaiting Cleanup	3	8/3/2015
King	12486	25831163	Palmer Building	Seattle	98134	Awaiting Cleanup	3	8/21/2015
King	4615	42286998	PALMER COKING COAL CO MORGAN KAME	Black Diamond	98010	Awaiting Cleanup	3	8/22/1995
King	757	2591	PEASLEY CANYON OLD GAS STN	Auburn	98001	Awaiting Cleanup	4	2/16/1999
King	10316	73263954	PENINSULA TRUCK LINES	Seattle	98108	Cleanup Started	5	8/11/2014
King	6556	71868277	Penske Truck Leasing Co LP Seattle 1st	Seattle	98134	Cleanup Started	5	1/7/2007
King	3184	23408	Penthouse Drapery Cleaners	Seattle	98144	Cleanup Started	5	8/20/2018
King	6319	57454884	Perfection Smokery	Seattle	98134	Awaiting Cleanup	5	7/1/2015
King	6056	42746846	Phillips 66 070644	Seattle	98144	Cleanup Started	1	2/9/2018
King	29	2070	Phillips 66 Renton Terminal	Renton	98055	Cleanup Started	5	2/15/1991
King	2621	47763267	Phom Property	Seattle	98121	Cleanup Started	3	8/8/2013

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
King	1675	48646653	PIER 1	Seattle	98126	Awaiting Cleanup	2	1/22/2004
King	4119	1292568	Pillon Property	Renton	98059	Awaiting Cleanup	1	1/14/2016
King	826	2161	PIONEER ENAMEL MANUFACTURE	Seattle	98108	Awaiting Cleanup	4	9/10/1990
King	11614	12489	Plantation Building	Seattle	98117	Cleanup Started	2	2/22/2021
King	2074	1948927	Plastic Sales & Service	Seattle	98115	Cleanup Started	2	2/8/2006
King	1336	11118	Plaza One Hour Cleaners McAbee	Seattle	98117	Awaiting Cleanup	5	8/29/2000
King	3221	8613035	Ponchos Legacy	Seattle	98134	Cleanup Started	4	8/10/2015
King	1229	2177	Port of Seattle N Terminal 115	Seattle	98106	Cleanup Started	5	2/17/1998
King	10102	66711778	Port of Seattle Terminal 105 LUST	Seattle	98106	Cleanup Started	2	8/19/2015
King	1825	2313	Port of Seattle Terminal 106 NW	Seattle	98134	Awaiting Cleanup	3	8/3/2015
King	7816	8781589	Port of Seattle Terminal 106 W	Seattle	98134	Cleanup Started	2	8/11/2015
King	7817	2313	Port of Seattle Terminal 106NW	Seattle	98134	Cleanup Started	4	8/3/2015
King	1385	2202	Port of Seattle Terminal 117	Seattle	98108	Cleanup Started	0	8/27/1991
King	2674	24768	PORT OF SEATTLE TERMINAL 91	Seattle	98119	Cleanup Started	1	2/28/1997
King	4532	2056	Precision Engineering Inc	Seattle	98108	Cleanup Started	1	9/10/1990
King	9511	51647545	PSE UST Ursula Place	Seattle	98108	Cleanup Started	4	7/1/2015
King	3076	2479	Puget Park	Seattle	98106	Cleanup Started	4	8/3/2015
King	9455	49597996	Puget Power Des Moines Service Center	Des Moines	98198	Cleanup Started	3	2/3/2014
King	395	46659536	Queen Anne Properties Mercer St	Seattle	98109	Cleanup Started	2	2/8/2006
King	658	245	QUEEN CITY FARMS	Maple Valley	98038	Cleanup Started	0	2/3/2004
King	2877	140	QUEEN CITY FARMS A	Issaquah	98027	Cleanup Started	0	2/22/1995
King	3039	144	QUEEN CITY FARMS A 4 TEK	Issaquah	98027	Cleanup Started	0	2/22/1995
King	2504	143	QUEEN CITY FARMS A BURIED DRUM	Issaquah	98027	Cleanup Started	0	2/22/1995
King	2307	142	QUEEN CITY FARMS A IRM	Issaquah	98038	Cleanup Started	0	2/22/1995
King	2306	141	QUEEN CITY FARMS B	Issaquah	98038	Cleanup Started	0	9/10/1990
King	3857	2045	QUENDALL TERMINALS	Renton	98055	Cleanup Started	0	8/15/1990
King	8267	21154698	Qwest Communications International	Seattle	98118	Cleanup Started	5	8/11/2014
King	11175	94918654	Rainier Ave S ARCO	Seattle	98144	Cleanup Started	3	12/5/2017
King	6682	79391627	Rainier Beach Automotive	Seattle	98118	Cleanup Started	1	2/4/2015
King	5478	9192461	Rainier Brewery	Seattle	98134	Cleanup Started	4	6/9/2015

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
King	4187	88987973	Rainier Mall	Seattle	98118	Cleanup Started	2	7/17/2019
King	1216	82838425	Rainier Precision LLC	Seattle	98109	Awaiting Cleanup	5	1/27/2005
King	11967	52192378	Rainier Shell Valero	Seattle	98118	Cleanup Started	3	2/4/2015
King	1920	2312	RALPHS CONCRETE PUMPING	Seattle	98144	Awaiting Cleanup	3	8/18/1998
King	4659	8964755	Ralphs Concrete Pumping Vacant Lot	Seattle	98144	Awaiting Cleanup	3	1/24/2003
King	1157	2188	RAVENNA LANDFILL UNION BAY	Seattle	98105	Awaiting Cleanup	4	2/29/2000
King	3230	21844229	Red Carpet Car Wash	Seattle	98109	Cleanup Started	3	8/8/2013
King	4728	2041	Reserve Silica Reclamation	Ravensdale	98051	Cleanup Started	1	1/26/2016
King	500	7706588	RON & JERRYS ICE CREAM	Seattle	98102	Awaiting Cleanup	5	1/25/2005
King	1360	2228	Rose Hill Plaza	Kirkland	98033	Awaiting Cleanup	4	2/16/1999
King	9494	51413945	Rosroe Oil Bulk	Seattle	98126	Cleanup Started	5	8/8/2013
King	8610	29194726	ROSSOE OIL CO	Seattle	98118	Awaiting Cleanup	5	2/3/2014
King	7585	4612472	Royal Hwy Tours Coach Maintenance	Seattle	98108	Cleanup Started	5	8/11/2014
King	9950	63137833	Rudys Auto Service	Seattle	98118	Cleanup Started	3	2/4/2015
King	2416	2502	S & S ENTERPRISES	Maple Valley	98038	Awaiting Cleanup	4	8/22/1995
King	1994	2333	S 252ND ST PACIFIC HWY S	Kent	98032	Awaiting Cleanup	4	8/27/1991
King	4290	2058	S 96th Street Ditch	Seattle	98108	Awaiting Cleanup	4	6/9/2015
King	2176	3146354	SAFFORD PROPERTY	Ravensdale	98051	Awaiting Cleanup	4	8/1/2003
King	3696	2450	Sahlberg Equipment	Seattle	98108	Awaiting Cleanup	4	2/4/2015
King	5104	2444	Salmon Bay Steel Ballard	Seattle	98107	Cleanup Started	5	2/29/2000
King	3000	6328035	Saltys Properties	Seattle	98106	Cleanup Started	4	6/9/2015
King	4051	41667164	Samis Company Property	Seattle	98119	Cleanup Started	4	2/27/2001
King	1328	2229	Samis Land Co	Seattle	98108	Awaiting Cleanup	5	8/20/1996
King	8177	17669336	SCHUCKS AUTO SUPPLY	Seattle	98134	Cleanup Started	5	8/8/2013
King	4392	2038	Seafab Metal Surface Impoundment	Seattle	98134	Cleanup Started	0	2/23/2005
King	4071	2037	Seafab Metals Co	Seattle	98134	Cleanup Started	0	2/23/2005
King	6839	90796658	Sears Automotive Center	Seattle	98134	Cleanup Started	3	8/8/2013
King	5845	31119824	Sears Roebuck & Co	Seattle	98134	Cleanup Started	3	8/8/2013
King	2359	2307	SEATTLE BARREL & COOPERAGE	Seattle	98108	Awaiting Cleanup	4	8/28/2001
King	11440	63747158	Seattle City DOT Sunny Jim	Seattle	98108	Awaiting Cleanup	4	7/1/2015
King	10578	79855373	Seattle City Hillman Shops	Seattle	98118	Cleanup Started	3	7/1/2015

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King	3476	16777876	SEATTLE CITY LIGHT 4TH AVE S	Seattle	98134	Awaiting Cleanup	5	2/3/2004
King	5065	2171	Seattle City Light South Service Center	Seattle	98108	Cleanup Started	5	8/28/2001
King	2937	2454	Seattle Commerce Center	Seattle	98106	Cleanup Started	4	8/10/2015
King	8410	24225754	Seattle Fire Dept Station 14	Seattle	98134	Cleanup Started	5	8/19/2015
King	5050	2027	Seattle Iron & Metals Main Yard	Seattle	98134	Cleanup Started	0	2/23/2005
King	11905	55416995	Seattle Jet Services	Seattle	98108	Awaiting Cleanup	5	8/6/2015
King	4463	2025	Seattle Port Leckenby Co	Seattle	98134	Cleanup Started	0	2/23/2005
King	4729	2043	Seattle Public Utilities Midway Landfill	Kent	98032	Cleanup Complete-Active O&M/Monitoring	0	9/10/1990
King	5099	2376	Seattle Public Utilities Operations Ctr	Seattle	98134	Cleanup Started	5	8/28/2001
King	11971	62393528	Seattle Public Utilities Spoils Yard	Seattle	98108	Awaiting Cleanup	5	7/1/2015
King	3348	4195841	Seattle ROW 2nd & Spokane	Seattle	98134	Awaiting Cleanup	5	8/10/2015
King	8732	33133593	Seattle SD Cooper Elementary	Seattle	98106	Cleanup Started	4	2/4/2015
King	6720	82825487	Seattle SD John Stanford Center	Seattle	98134	Cleanup Started	4	8/8/2013
King	1330	2244	Seattle Steam Co Post Ave	Seattle	98104	Awaiting Cleanup	5	8/15/1999
King	5075	2243	Seattle Steam Co Western Ave	Seattle	98101	Cleanup Started	5	2/16/1999
King	12462	7109	Seattle West Duwamish Trail	Seattle	98108	Awaiting Cleanup	4	7/1/2015
King	11046	91829569	Seattle West Maintenance HQ	Seattle	98106	Cleanup Started	4	7/1/2015
King	5980	37752719	Selland Auto Transport	Seattle	98108	Cleanup Started	4	8/6/2015
King	1436	8499	SHELL CHRISTENSEN RAILROAD ST	Enumclaw	98022	Awaiting Cleanup	3	2/8/2002
King	5051	2030	Shell Oil Harbor Island Terminal	Seattle	98134	Construction Complete-Performance Monitoring	0	8/30/1992
King	3856	2028	Shell Old Terminal 18 Port of Seattle	Seattle	98134	Cleanup Started	5	9/10/1990
King	7206	3479178	Shillings Auto	Seattle	98168	Cleanup Started	4	8/11/2014
King	8234	19358649	Shultz Distributing Redmond	Redmond	98052	Cleanup Started	3	2/3/2014
King	6477	66122831	Signal Equipment Inc	Seattle	98144	Cleanup Started	1	7/1/2015
King	6253	54465172	SIMBAS ENTERPRISES LTD	Mercer Island	98040	Cleanup Started	3	8/9/2013
King	1788	44228651	Sischo Property	Maple Valley	98038	Awaiting Cleanup	3	6/24/2004
King	4183	69144423	Skips Tire Center	Bothell	98028	Awaiting Cleanup	5	1/9/2007

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
King	1170	63051958	Sky Harbor Aviation	Renton	98055	Awaiting Cleanup	5	8/2/2002
King	6370	61186376	Skyway Shell & Automotive	Seattle	98178	Cleanup Started	1	8/11/2014
King	4350	74731271	SMI INC TRUST	Seattle	98103	Awaiting Cleanup	4	8/16/2005
King	12463	1523145	Snopac Property	Seattle	98134	Awaiting Cleanup	2	7/1/2015
King	9426	48968474	South Park 76	Seattle	98108	Awaiting Cleanup	4	2/4/2015
King	1324	2180	South Park Landfill	Seattle	98108	Cleanup Started	2	2/2/2007
King	2858	44653368	South Park Marina	Seattle	98108	Awaiting Cleanup	2	2/4/2015
King	9176	43445813	South Seattle Community College	Seattle	98106	Cleanup Started	4	7/1/2015
King	4861	36832998	SPARKS TUNEUP	Shoreline	98155	Awaiting Cleanup	5	7/22/2004
King	1890	2366	Spear Trusts Warehouse	Seattle	98108	Awaiting Cleanup	5	8/20/2002
King	4796	13132191	Spencer Industries Inc	Seattle	98108	Cleanup Started	2	8/3/2015
King	3981	430937	St Regis Hotel	Seattle	98101	Cleanup Started	5	8/8/2013
King	12223	19184	Standard Oil King Cnty Airport	Seattle	98108	Awaiting Cleanup	4	8/21/2015
King	12676	979	Star Laundry	Seattle	98122	Awaiting Cleanup	3	8/7/2015
King	4466	2057	Sternoff Metals Seattle	Seattle	98108	Awaiting Cleanup	5	8/27/1991
King	752	2596	Stone Property 55th Ave S	Seattle	98118	Awaiting Cleanup	5	8/20/1999
King	376	62154765	Stoughton Estate	Seattle	98105	Awaiting Cleanup	5	1/22/2004
King	10874	86693541	Subway Rainier Valley	Seattle	98144	Cleanup Started	3	7/1/2015
King	9504	51558738	Sunset Distributors	Seattle	98107	Cleanup Started	3	2/3/2014
King	6638	76131767	Sunset Park	Seatac	98166	Cleanup Started	3	2/25/1992
King	11906	916588	Superior Cleaners	Seattle	98122	Awaiting Cleanup	3	8/19/2015
King	12489	13875	Surplus Items	Seattle	98106	Awaiting Cleanup	4	8/19/2015
King	2931	2388	SW Harbor Project Lockheed Yard 2	Seattle	98106	Cleanup Started	1	8/30/1991
King	3158	2387	SW Harbor Project Wyckoff	Seattle	98134	Cleanup Started	0	1/1/1994
King	2123	66948686	Tacoma Smelter Plume King County	Area Wide	98148	Cleanup Started	0	8/20/2009
King	2666	2501	TD Auto Body & Repair	Seattle	98122	Cleanup Started	3	2/6/2001
King	11307	98422914	Terminal 115 Plant 1	Seattle	98106	Cleanup Started	3	7/1/2015
King	6663	77774779	Texaco 211577 Monterey	Seattle	98109	Cleanup Started	1	6/14/2019
King	5807	27591293	Texaco Downstream 211558	Seattle	98144	Cleanup Started	1	2/9/2018
King	8463	25287143	TEXACO PRO INVESTMENTS	Seattle	98109	Cleanup Started	3	8/8/2013
King	10432	75999694	Texaco Station Kirkland	Kirkland	98033	Cleanup Started	3	1/14/2016



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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
King	1450	6819	The Tux Shop	Seattle	98107	Awaiting Cleanup	5	8/8/2013
King	5096	2352	Tiki Car Wash	Bellevue	98005	Cleanup Started	3	6/30/1994
King	14604	75486194	Time Oil Bulk Terminal	Seattle	98199	Cleanup Started	1	7/9/2020
King	4427	2031	Todd Pacific Shipyards	Seattle	98134	Cleanup Started	0	2/25/2003
King	6763	84969261	Totem Equipment Seattle	Seattle	98134	Cleanup Started	4	7/1/2015
King	9397	48143795	Town Center Mini Mart Texaco	Duvall	98019	Cleanup Started	4	8/8/2013
King	1800	86248197	Triad Machinery Inc Tukwila	Tukwila	98168	Awaiting Cleanup	3	8/11/2014
King	1383	2187	Tyee Lumber & Manufacturing	Auburn	98002	Awaiting Cleanup	2	8/20/1996
King	10334	73614397	UHaul Rainier Ave S	Seattle	98144	Cleanup Started	3	7/1/2015
King	3172	379891	Ultra Custom Care Cleaners	Bothell	98011	Cleanup Started	3	2/14/2007
King	8364	23236296	Union Pacific RR Argo Yard Gate	Seattle	98134	Cleanup Started	5	8/19/2015
King	5356	5246138	Union Pacific RR Diagonal Ave S Spur	Seattle	98108	Cleanup Started	5	8/18/2015
King	10378	74589256	Union Pacific RR S Dawson TOFC Terminal	Seattle	98108	Cleanup Started	5	8/3/2015
King	3858	2060	Union Station	Seattle	98104	Construction Complete- Performance Monitoring	3	8/27/1991
King	10212	69779715	UNITED MOTOR FREIGHT	Seattle	98134	Cleanup Started	4	2/3/2014
King	1239	2191	Universal Manufacturing	Woodinville	98072	Cleanup Started	3	8/22/1995
King	10356	74172157	Unocal 0166	Seattle	98144	Cleanup Started	3	7/1/2015
King	5740	23943597	Unocal 0587	Bellevue	98004	Cleanup Started	1	7/30/2020
King	5300	2825755	Unocal 0907 ENSR International	Seattle	98108	Cleanup Started	4	2/4/2015
King	6364	59972834	Unocal 306568	Seattle	98109	Cleanup Started	5	2/2/2009
King	5107	2458	Unocal 4384	Bellevue	98004	Cleanup Started	4	8/20/1999
King	10991	89773988	UNOCAL 4518	Mercer Island	98040	Cleanup Started	3	8/8/2013
King	6439	64433154	UNOCAL 5472	Seattle	98134	Cleanup Started	5	8/8/2013
King	6594	73985266	Unocal 5473	Seattle	98144	Cleanup Started	3	8/18/2015
King	11366	99628192	UNOCAL 5479	Seattle	98107	Cleanup Started	3	8/8/2013
King	10094	66498524	UNOCAL 6248	Seattle	98168	Cleanup Started	1	8/11/2014
King	1148	2210	UNOCAL SEATTLE MARKET LOWER	Seattle	98121	Cleanup Started	4	8/22/1995
King	1428	2208	UNOCAL Seattle Marketing Terminal	Seattle	98121	Cleanup Started	4	8/15/1990

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King	2597	6149702	Upper Hudson Street	Seattle	98106	Cleanup Started	2	7/1/2015
King	7878	11182882	UPS Seattle Main	Seattle	98108	Cleanup Started	5	8/8/2013
King	2713	6136999	Uptown Bakery	Seattle	98119	Cleanup Started	5	2/8/2006
King	7872	10733774	US WEST SEATTLE	Seattle	98104	Cleanup Started	5	8/8/2013
King	5468	8775242	USF Reddaway Inc Kent	Kent	98032	Cleanup Started	3	8/3/2010
King	5643	18651532	USPS Westwood Station	Seattle	98126	Cleanup Started	1	8/3/2015
King	6728	83264822	USWCOM Enumclaw Co	Enumclaw	98022	Cleanup Started	3	8/9/2013
King	9337	46867318	UT & T Auto Service	Tukwila	98168	Cleanup Started	1	10/14/2015
King	5256	1491930	UW Bioengineering	Seattle	98195	Cleanup Started	5	8/4/2007
King	7853	9726741	VA Medical Center Seattle	Seattle	98108	Cleanup Started	5	7/1/2015
King	4464	2032	Value Plating & Metal Pol	Seattle	98134	Cleanup Started	0	2/23/2005
King	2998	6319811	VASHON ATHLETIC CLUB	Vashon	98070	Cleanup Started	3	1/23/2009
King	7075	29947325	Viktoria Apartments	Seattle	98101	Cleanup Started	1	8/8/2013
King	10644	82347852	WA DOT Corson	Seattle	98108	Cleanup Started	5	12/5/2017
King	10221	70567894	WA DOT Corwin PI S	Seattle	98144	Awaiting Cleanup	2	2/13/2018
King	3949	5919773	WA DOT R O W 17th Ave	Issaquah	98027	Awaiting Cleanup	2	2/27/2001
King	3339	6305156	WA DOT S DEARBORN	Seattle	98104	Awaiting Cleanup	5	1/23/2009
King	8873	36148382	WA DOT Spokane St Maintenance	Seattle	98134	Cleanup Started	4	12/5/2017
King	3726	1388018	Warehouse 1st Ave S	Seattle	98134	Cleanup Started	5	6/9/2015
King	7438	1661671	Warners Auto Repair	Seattle	98108	Awaiting Cleanup	5	7/1/2015
King	10062	65657666	Washington Athletic Club Garage	Seattle	98101	Cleanup Started	3	8/8/2013
King	8949	37765318	Washington Belt	Seattle	98108	Cleanup Started	4	2/3/2014
King	1789	44295317	Washington Trucking Association	Seattle	98134	Cleanup Started	3	8/8/2013
King	5102	2425	Waste Management of Seattle	Seattle	98106	Cleanup Started	5	8/28/2001
King	6936	95878752	Waste Management of Seattle 1st Ave S	Seattle	98108	Cleanup Started	3	7/1/2015
King	6442	64451343	WB Sprague Co	Seattle	98122	Cleanup Started	1	2/9/2018
King	1325	2194	Wesmar Company Inc	Seattle	98107	Cleanup Complete-Active O&M/Monitoring	5	7/30/2008
King	1405	12494	West Coast Equipment 2	Seattle	98106	Cleanup Started	3	8/20/1996
King	1006	62654937	West Valley Business Park	Kent	98032	Cleanup Started	4	8/6/2015
King	5305	2999235	Westbridge Building	Seattle	98106	Cleanup Started	4	8/8/2013
King	6021	39352815	Western Parcel Express	Seattle	98108	Cleanup Started	4	6/9/2015

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
King	8530	27136719	Western Peterbilt	Seattle	98134	Cleanup Started	5	7/1/2015
King	2682	145	Western Processing	Kent	98032	Tracked by EPA	0	9/10/1990
King	4727	2039	Weyerhaeuser Lab	Seattle	98134	Cleanup Started	0	2/23/2005
King	3818	3853846	White Center Retail Building	Seattle	98106	Cleanup Started	3	8/8/2013
King	12115	9809	Whitehead Tye	Seattle	98108	Cleanup Started	1	6/8/2016
King	9584	53346856	WHOLESALE TRANSMISSION	Seattle	98118	Cleanup Started	3	8/11/2014
King	9603	53643827	WILSON MARINE	Seattle	98109	Cleanup Started	1	8/8/2013
King	3040	146	Wycoff Co West Seattle	Seattle	98126	Cleanup Started	0	8/23/1994
King	1989	2283	Wyman Property	Seattle	98107	Awaiting Cleanup	4	2/27/2001
Kitsap	373	52227227	A1 RV CENTER	Silverdale	98383	Awaiting Cleanup	3	8/20/2012
Kitsap	10018	64624549	Ace Paving	Bremerton	98312	Cleanup Started	5	5/7/2015
Kitsap	697	2620	Ace Paving Maintenance Shop	Silverdale	98383	Awaiting Cleanup	3	8/31/1999
Kitsap	923	2646	Airport Auto Wrecking I	Port Orchard	98367	Awaiting Cleanup	2	1/15/2001
Kitsap	1787	34492328	Airport Auto Wrecking II	Port Orchard	98367	Awaiting Cleanup	1	1/24/2003
Kitsap	325	2644	Als Auto Repair	Port Orchard	98366	Awaiting Cleanup	3	8/18/1998
Kitsap	3241	88987891	Auto Center Boulevard	Bremerton	98312	Cleanup Started	5	8/5/2014
Kitsap	9999	64365395	Bainbridge Intermodal Transfer Center	Bainbridge Island	98110	Cleanup Started	5	8/13/2013
Kitsap	759	2602	Bainbridge Island Landfill	Bainbridge Island	98110	Cleanup Started	1	8/30/1992
Kitsap	5822	28793889	Bayside Grocery	Port Orchard	98366	Cleanup Started	3	10/9/2007
Kitsap	8680	31714832	Bethel Garage	Port Orchard	98366	Cleanup Started	5	2/5/2015
Kitsap	14770	60939	Blakely Harbor Park	Bainbridge Island	98110	Awaiting Cleanup	2	8/17/2020
Kitsap	3092	6189085	Bodine	Bremerton	98312	Awaiting Cleanup	5	2/15/2010
Kitsap	4374	85394644	BOWMAN OIL SPILL	Port Orchard	98366	Cleanup Started	1	2/4/2009
Kitsap	10916	88127173	BP Reynolds	Bremerton	98337	Cleanup Started	5	2/5/2015
Kitsap	5207	2645	BREM AIR Disposal Inc	Bremerton	98310	Cleanup Started	1	8/15/1997
Kitsap	11381	3187	Bremerton R O W 4th & Washington	Bremerton	98337	Awaiting Cleanup	5	8/8/2012
Kitsap	289	2652	Bremerton SD Haddon Elem	Bremerton	98312	Awaiting Cleanup	5	8/6/2003
Kitsap	2233	48525487	BREMERTON SERVICE CENTER	Bremerton	98310	Awaiting Cleanup	5	8/22/2011
Kitsap	10274	72279499	BREMERTON YACHT CLUB	Bremerton	98312	Cleanup Started	5	2/11/2014
Kitsap	7395	10530	Burwell Tunnel & Parking Garage	Bremerton	98337	Cleanup Started	5	8/13/2013

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Kitsap	9672	55114724	Central Kitsap Waste Water	Poulsbo	98370	Cleanup Started	3	2/5/2015
Kitsap	10653	82612478	Chevron 91253	Port Orchard	98366	Cleanup Started	3	2/13/2012
Kitsap	5169	2631	Chevron Bulk Plant Poulsbo	Poulsbo	98370	Cleanup Started	3	8/17/2010
Kitsap	285	2618	Chevron Tank Farm Port WA Narrows	Bremerton	98310	Cleanup Started	2	8/27/1991
Kitsap	8224	18937294	Choice Texaco & Mini Mart	Port Orchard	98366	Cleanup Started	4	9/26/2017
Kitsap	1637	9475242	City Hand Laundry	Bremerton	98310	Cleanup Started	5	7/27/2007
Kitsap	11944	23096	Clean Center	Bainbridge Island	98110	Awaiting Cleanup	2	2/4/2013
Kitsap	730	2604	Constitution Ave Landfill	Bremerton	98312	Awaiting Cleanup	5	2/7/2001
Kitsap	5164	2610	Country Junction Store	Port Orchard	98366	Construction Complete-Performance Monitoring	4	8/15/1990
Kitsap	8445	24826924	Daily Stop Grocery	Bremerton	98311	Cleanup Started	3	8/7/2015
Kitsap	283	2611	Day Road Industrial Park	Bainbridge Island	98110	Awaiting Cleanup	2	2/1/1991
Kitsap	1956	13984	Deno Property	Bremerton	98312	Awaiting Cleanup	1	8/28/2001
Kitsap	2278	151	EAGLE HARBOR	Bainbridge Island	98110	Cleanup Started	0	9/10/1990
Kitsap	2403	153	EAGLE HARBOR E	Bainbridge Island	98110	Construction Complete-Performance Monitoring	0	2/22/1995
Kitsap	2505	154	EAGLE HARBOR W	Bainbridge Island	98110	Cleanup Started	0	2/22/1995
Kitsap	2683	152	EAGLE HARBOR WYCKOFF	Bainbridge Island	98110	Cleanup Started	0	2/22/1995
Kitsap	922	2645	EVERGREEN PARK BREMERTON	Bremerton	98310	Cleanup Started	5	8/22/1995
Kitsap	3352	4271824	Eyer Trucking	Kingston	98346	Awaiting Cleanup	1	7/9/2008
Kitsap	900	62752314	Gorst Creek Landfill	Port Orchard	98367	Cleanup Started	1	1/15/2002
Kitsap	6046	42271459	Gorst Gas Mart	Bremerton	98312	Cleanup Started	3	7/16/2008
Kitsap	11975	59537676	Gradens Camp Union Grocery	Seabeck	98380	Cleanup Started	3	2/1/2013
Kitsap	5166	2621	Hansville General Store	Hansville	98340	Cleanup Started	3	6/30/1994
Kitsap	695	2605	Hansville Landfill	Kingston	98346	Construction Complete-Performance Monitoring	1	8/30/1991

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Kitsap	3139	31393863	HEAD OF BAY	Bremerton	98337	Awaiting Cleanup	2	8/8/2002
Kitsap	2332	43665575	HOLLY DUMP	Bremerton	98312	Awaiting Cleanup	5	2/15/2007
Kitsap	1712	67245984	HOUGHTON PROPERTY	Port Orchard	98367	Awaiting Cleanup	1	11/14/2001
Kitsap	3297	25581397	HOWERTON SILVERDALE LANDFILL	Silverdale	98383	Awaiting Cleanup	2	8/31/1999
Kitsap	4206	41936412	INDIANOLA DUMP	Kingston	98346	Awaiting Cleanup	3	8/28/2001
Kitsap	5579	15195348	KEYPORT MERCANTILE	Keyport	98345	Cleanup Started	3	7/27/2007
Kitsap	4410	99437267	Kitsap County Consolidated Housing Authority	Bremerton	98337	Cleanup Started	5	2/14/2011
Kitsap	3741	50996873	KITSAP COUNTY SILVERDALE LANDFILL	Silverdale	98383	Awaiting Cleanup	3	8/6/2003
Kitsap	11446	18708	Kitsap Rifle & Revolver Club	Bremerton	98312	Awaiting Cleanup	2	1/8/2013
Kitsap	1968	7265377	Kitsap Senior Center	Bremerton	98312	Cleanup Started	5	8/17/2010
Kitsap	1739	9387868	Kitsap Transit Clock Tower Area BTC-2	Bremerton	98312	Awaiting Cleanup	5	8/15/2005
Kitsap	1518	7071317	Kitsap Transit Grainger Fitz Enetai	Bremerton	98337	Cleanup Started	3	8/6/2009
Kitsap	2090	1087615	Kitsap Transit Transportation Center	Bremerton	98337	Cleanup Started	5	8/6/2009
Kitsap	858	2638	LAMBERTS RADIATOR SHOP	Bremerton	98312	Awaiting Cleanup	1	8/22/1995
Kitsap	731	2623	Lofthus Bulk Plant	Bremerton	98337	Cleanup Started	1	2/25/1992
Kitsap	8717	32588114	Lonerock Grocery	Seabeck	98380	Cleanup Started	5	2/9/2018
Kitsap	270	3804318	Lynwood Center Corner	Bainbridge Island	98110	Cleanup Started	2	8/16/2011
Kitsap	3303	44882172	Madison Ave S & Parfitt Way SW	Bainbridge Island	98110	Awaiting Cleanup	5	8/15/2005
Kitsap	8066	14956955	Marina & Moorage at Seabeck	Seabeck	98380	Cleanup Started	3	7/27/2015
Kitsap	9647	54615645	MCCORMICK LAND CO	Port Orchard	98366	Cleanup Started	3	2/10/2014
Kitsap	1095	7846890	McIntosh Property	Port Orchard	98367	Awaiting Cleanup	3	2/5/2009
Kitsap	6771	85668255	Midas Silverdale	Silverdale	98383	Cleanup Started	5	2/9/2006
Kitsap	993	3675862	Mitchell Ave Project	Port Orchard	98366	Awaiting Cleanup	3	7/17/2006
Kitsap	5252	1436359	Newmans Chevron	Bremerton	98337	Cleanup Started	5	2/15/2010
Kitsap	4370	61317581	Norge Equipped Cleaning Village Store	Bainbridge Island	98110	Cleanup Started	2	2/3/2012
Kitsap	2220	7057711	Olalla Landfill	Olalla	98359	Awaiting Cleanup	3	1/23/2008
Kitsap	286	2641	Old Bremerton Gasworks Sesko	Bremerton	98337	Cleanup Started	1	8/22/1995
Kitsap	4217	79649975	Olympic View Sanitary Landfill	Port Orchard	98367	Cleanup Started	1	3/9/1993

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Kitsap	6159	48252163	P & R Quickstop	Bremerton	98312	Awaiting Cleanup	3	2/29/2012
Kitsap	1377	2788449	Pacific NW Energy Bremerton	Bremerton	98337	Cleanup Started	3	2/4/2011
Kitsap	9395	48135381	Pacific Pride Fuel Facility	Bremerton	98312	Cleanup Started	3	8/6/2015
Kitsap	602	28884893	Park Avenue Cleaners	Bremerton	98337	Cleanup Started	3	7/8/2008
Kitsap	2246	3122819	Pederson Oil	Bremerton	98312	Cleanup Started	4	2/29/2000
Kitsap	2222	7185727	Pidduck Property	Bremerton	98312	Awaiting Cleanup	5	2/15/2010
Kitsap	1593	97682663	PIONEER LANDFILL	Gorst	98337	Cleanup Started	2	2/14/2011
Kitsap	3444	93937775	Port Gamble Bay and Mill Site	Port Gamble	98364	Cleanup Started	2	8/28/2001
Kitsap	4877	91215766	PORT ORCHARD LANDFILL	Port Orchard	98367	Awaiting Cleanup	4	8/9/2002
Kitsap	5638	18424111	Port Orchard Public Works	Port Orchard	98366	Cleanup Started	3	1/30/2009
Kitsap	5400	6241366	Port Orchard Yacht Club	Port Orchard	98366	Cleanup Started	5	8/20/2012
Kitsap	762	2634	POULSBO YACHT CLUB	Poulsbo	98370	Awaiting Cleanup	5	12/6/2002
Kitsap	6840	90875824	RK MART	Silverdale	98383	Cleanup Started	5	8/6/2009
Kitsap	2108	5011980	Robinson Property	Bremerton	98312	Awaiting Cleanup	5	7/27/2007
Kitsap	321	2601	Rons Auto Wrecking	Port Orchard	98367	Cleanup Started	3	8/15/1990
Kitsap	331	549994	Rouse Property	Kingston	98346	Awaiting Cleanup	1	2/14/2011
Kitsap	12023	17274876	Sears Auto Center	Silverdale	98383	Cleanup Started	5	8/5/2014
Kitsap	1472	6865393	Seitz Property	Silverdale	98383	Cleanup Started	2	2/9/2006
Kitsap	1462	7813681	Siegel Property	Bremerton	98310	Awaiting Cleanup	3	2/15/2008
Kitsap	6033	41273858	Silver City Texaco	Silverdale	98383	Cleanup Started	5	1/31/2014
Kitsap	3143	44784977	Skirving Dump	Bremerton	98312	Awaiting Cleanup	2	5/24/2004
Kitsap	2847	8553957	Southworth Stage	Port Orchard	98366	Cleanup Started	5	2/9/2006
Kitsap	1735	9184225	SPAIN PROPERTY	Port Orchard	98366	Awaiting Cleanup	1	8/15/2005
Kitsap	10667	82855511	Stacy Investments	Olalla	98359	Cleanup Started	3	2/5/2015
Kitsap	11500	15438	Strawberry Plant	Bainbridge Island	98110	Cleanup Started	2	8/16/2011
Kitsap	5333	4264138	Stutz Fuel Oil	Bremerton	98312	Cleanup Started	2	8/16/2011
Kitsap	5815	28366276	Templeton Charleston Beach	Bremerton	98312	Cleanup Started	3	8/17/2010
Kitsap	3960	26595127	Tosco Bainbridge Island Bulk Plant 1784	Bainbridge Island	98110	Cleanup Started	2	2/4/2009
Kitsap	2851	16164764	Trask Property	Kingston	98346	Awaiting Cleanup	4	12/15/2002
Kitsap	14334	18955	Ultra Custom Cleaners	Silverdale	98383	Awaiting Cleanup	1	6/26/2020
Kitsap	6737	83695458	UNOCAL 0606	Bremerton	98312	Cleanup Started	3	1/3/2008

## Hazardous Sites List (HSL) Information

County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Kitsap	6127	46126151	UNOCAL 4388	Bainbridge Island	98110	Cleanup Started	2	8/9/2008
Kitsap	694	2603	US Navy Camp Wesley Harris	Bremerton	98312	Awaiting Cleanup	2	1/15/2004
Kitsap	129	172	US NAVY JACKSON PARK	Bremerton	98312	Cleanup Started	0	2/22/1995
Kitsap	564	174	US NAVY JACKSON PARK OU 1	Bremerton	98312	Cleanup Started	0	2/22/1995
Kitsap	563	173	US NAVY JACKSON PARK OU 2	Bremerton	98312	Cleanup Started	0	2/22/1995
Kitsap	1013	77422856	US NAVY JACKSON PARK OU 3	Bremerton	98312	Cleanup Started	0	9/1/2000
Kitsap	127	157	US NAVY KEYPORT	Keyport	98345	Cleanup Started	0	2/22/1995
Kitsap	128	158	US NAVY KEYPORT OU1	Keyport	98345	Construction Complete- Performance Monitoring	0	2/22/1995
Kitsap	522	159	US NAVY KEYPORT OU2	Keyport	98345	Construction Complete- Performance Monitoring	0	2/22/1995
Kitsap	130	175	US NAVY PSNS	Bremerton	98314	Cleanup Started	0	2/22/1995
Kitsap	534	182	US NAVY PSNS OU NSC	Bremerton	98314	Construction Complete- Performance Monitoring	0	2/22/1995
Kitsap	108	176	US NAVY PSNS OUA	Bremerton	98314	Construction Complete- Performance Monitoring	0	2/22/1995
Kitsap	524	177	US NAVY PSNS OUB	Bremerton	98314	Cleanup Started	0	2/22/1995
Kitsap	150	179	US NAVY PSNS OUB IA106	Port Orchard	98367	Cleanup Complete- Active O&M/Monitoring	0	2/22/1995
Kitsap	109	178	US NAVY PSNS OUC	Bremerton	98314	Construction Complete- Performance Monitoring	0	3/15/1992
Kitsap	615	160	US NAVY SUBASE	Silverdale	98315	Cleanup Complete- Active O&M/Monitoring	0	8/23/1993
Kitsap	148	161	US NAVY SUBASE OU1 ORD DISP	Silverdale	98315	Construction Complete- Performance Monitoring	0	2/22/1995

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Kitsap	616	162	US NAVY SUBASE OU2	Silverdale	98315	Construction Complete-Performance Monitoring	0	2/22/1995
Kitsap	531	163	US NAVY SUBASE OU3	Silverdale	98315	Cleanup Complete-Active O&M/Monitoring	0	2/22/1995
Kitsap	533	167	US NAVY SUBASE OU7	Silverdale	98315	Construction Complete-Performance Monitoring	0	8/22/1995
Kitsap	149	168	US NAVY SUBASE OU8	Silverdale	98315	Cleanup Started	0	2/22/1995
Kitsap	4614	32577956	Victory Station Landfill	Port Orchard	98367	Awaiting Cleanup	4	2/29/2000
Kitsap	760	2625	VIKING PLATING	Kingston	98346	Awaiting Cleanup	2	1/15/2002
Kitsap	581	95937982	VIP Landfill	Bremerton	98312	Cleanup Started	3	12/6/2002
Kitsap	2442	25425751	Vockrodt Dump	Bremerton	98312	Cleanup Started	4	8/8/2002
Kitsap	585	183	WA ECY Manchester Lab	Port Orchard	98366	Cleanup Started	0	2/22/1995
Kitsap	5170	2635	WA Veterans Affairs Home	Port Orchard	98366	Cleanup Started	5	8/28/2001
Kitsap	11721	52429541	Washington Cedar & Supply Co	Port Orchard	98366	Cleanup Started	3	7/30/2014
Kitsap	894	28682498	Winslow Way W & Madison Ave N	Bainbridge Island	98110	Awaiting Cleanup	5	2/4/2009
Kitsap	795	2628	WOLF PROPERTY	Port Orchard	98366	Awaiting Cleanup	4	8/22/1995
Kitsap	8770	33682729	WSP Bremerton	Bremerton	98312	Cleanup Started	5	8/6/2015
Kitsap	3226	12465742	Zink Dump	Port Orchard	98367	Awaiting Cleanup	5	8/4/2004
Kittitas	4459	387	115 Mini Mart	Kittitas	98934	Cleanup Started	3	2/20/1996
Kittitas	5444	7678948	B & G Service	Cle Elum	98922	Cleanup Started	3	1/20/2012
Kittitas	4901	386	Big B Mini Mart	Ellensburg	98926	Cleanup Started	3	8/27/1991
Kittitas	4902	388	Bingo Fuel Stop	Thorp	98946	Cleanup Complete-Active O&M/Monitoring	2	8/27/1991
Kittitas	6452	64886528	CB General Store & Services	Easton	98925	Cleanup Started	5	8/8/2005
Kittitas	4762	390	Cle Elum City	Cle Elum	98922	Awaiting Cleanup	3	6/29/1996
Kittitas	2609	21589197	CWU Jongeward Services Building	Ellensburg	98926	Cleanup Started	2	8/7/2012
Kittitas	7016	398	Devere Bulk Plant	Cle Elum	98922	Cleanup Started	5	5/21/1996
Kittitas	3291	8473478	Faltus & Thomas Properties	Ellensburg	98926	Awaiting Cleanup	5	2/5/2004
Kittitas	7015	394	Flying J Truck Stop Broadway	Ellensburg	98926	Cleanup Started	4	2/20/1996



## Hazardous Sites List (HSL) Information

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Kittitas	4061	382	RYEGRASS LANDFILL	Ellensburg	98926	Cleanup Started	4	7/16/1998
Kittitas	6866	92387155	Simpsons Texaco	Cle Elum	98922	Cleanup Started	5	8/14/2003
Kittitas	4257	12832256	Smith Kem Ellensburg Inc	Ellensburg	98926	Awaiting Cleanup	3	8/14/2008
Kittitas	6651	77133953	SPORTLAND MINI MART	Cle Elum	98922	Cleanup Started	3	1/20/2012
Kittitas	7088	47245321	Ward Rugh Inc	Ellensburg	98926	Cleanup Started	2	1/20/2012
Klickitat	230	1625461	BNSF Track Switching Facility	Wishram	98673	Cleanup Started	3	8/3/2007
Klickitat	11797	95415874	Columbia Gorge Aluminum	Goldendale	98620	Cleanup Started	2	8/30/1990
Klickitat	6704	81593498	COLUMBUS SQUARE	Goldendale	98620	Cleanup Started	5	2/2/2009
Klickitat	5766	25272858	Goldendale Glass	Goldendale	98620	Awaiting Cleanup	5	8/3/2007
Klickitat	5817	28537434	HUNSAKER OIL COMPANY INC BINGEN	Bingen	98605	Cleanup Started	5	8/14/2003
Klickitat	5570	14585311	JD Hattenhauer Distributing	Goldendale	98620	Awaiting Cleanup	5	2/20/2008
Klickitat	3497	35691825	Klickitat County Road Dept Goldendale Shop Wash Pad	Goldendale	98620	Cleanup Started	3	2/3/2005
Klickitat	4200	32313865	Klickitat Valley Sawmills Inc	Klickitat	98628	Cleanup Started	2	4/15/1998
Klickitat	7632	5307756	Layman Property	Goldendale	98620	Cleanup Started	3	8/13/2013
Klickitat	4905	403	Town Pump Gas Station	White Salmon	98672	Cleanup Started	1	8/27/1991
Klickitat	6383	61834259	Unocal Bulk Plant 0046	Bingen	98605	Cleanup Started	3	2/20/2008
Lewis	2440	9756779	119 MAW RD	Toledo	98591	Awaiting Cleanup	5	10/21/2008
Lewis	4017	5879082	901 S MAIN ST VADER	Vader	98593	Awaiting Cleanup	4	8/4/2008
Lewis	134	208	AMERICAN CROSSARM & CONDUIT	Chehalis	98532	Cleanup Complete-Active O&M/Monitoring	0	2/22/1995
Lewis	11287	97679498	ARCO 05923 MASAD NICOLA	Chehalis	98532	Cleanup Started	5	12/26/2006
Lewis	2657	1154	CENTRALIA LANDFILL	Centralia	98531	Cleanup Complete-Active O&M/Monitoring	0	8/27/1991
Lewis	2658	1165	CHEHALIS AIRPORT	Chehalis	98532	Cleanup Started	5	11/15/2007
Lewis	5621	17551864	CHEVRON 96942	Centralia	98531	Cleanup Started	3	7/27/2007
Lewis	7025	1166	COWLITZ FOOD & FUEL	Toledo	98591	Cleanup Started	2	9/7/1993
Lewis	4997	1177	CUMMINGS OIL	Centralia	98531	Cleanup Started	1	2/22/2001
Lewis	3045	1171	EXTINE PETROLEUM	Onalaska	98570	Awaiting Cleanup	5	8/21/2001
Lewis	2882	1161	GRANGE SUPPLY CHEHALIS CENEX	Chehalis	98532	Cleanup Started	1	9/7/1993
Lewis	465	7504507	GRASSERS AUTO WRECKING	Centralia	98531	Awaiting Cleanup	5	2/11/2010

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Lewis	2001	17473	HAMILTON LABREE RD PCE	Chehalis	98532	Tracked by EPA	0	7/23/1998
Lewis	4999	1180	JOHN H HARLAND CO	Centralia	98531	Cleanup Started	5	7/22/2003
Lewis	2659	1172	KMART 7331	Chehalis	98532	Awaiting Cleanup	5	6/22/2006
Lewis	4120	1307167	LOGSTACKERS UNLIMITED INC	Toledo	98591	Awaiting Cleanup	4	2/11/2004
Lewis	2410	1164	MALARZ FARM	Winlock	98596	Awaiting Cleanup	4	8/21/2001
Lewis	6502	67518592	MAYFIELD 76	Silver Creek	98585	Cleanup Started	5	7/27/2007
Lewis	1780	9207593	NOW TRUCK STOP	Chehalis	98532	Awaiting Cleanup	5	2/6/2006
Lewis	4133	8202906	OLD GAS STATION MINERAL WA	Mineral	98355	Awaiting Cleanup	3	2/8/2005
Lewis	3094	8697809	OLD MINING SITE	Toledo	98591	Awaiting Cleanup	5	6/29/2006
Lewis	1951	8736	PACIFIC NORTH EQUIPMENT CO	Chehalis	98532	Awaiting Cleanup	5	1/23/2003
Lewis	2686	1156	PACKWOOD LUMBER COMPANY	Packwood	98361	Awaiting Cleanup	4	8/27/1991
Lewis	2535	1168	REA CONSTRUCTION	Randle	98377	Awaiting Cleanup	5	8/21/2001
Lewis	2409	1157	ROSS ELECTRIC OF WA COAL CREEK	Chehalis	98532	Tracked by EPA	0	10/1/1985
Lewis	203	5706820	TIM BOWERS PROPERTY	Winlock	98596	Awaiting Cleanup	5	7/26/2004
Lewis	2293	1169	TRAILER VILLAGE	Centralia	98531	Construction Complete- Performance Monitoring	2	2/25/1992
Lewis	2313	1160	UTILITY TRANSFORMER SERVICE	Pe Ell	98572	Awaiting Cleanup	3	3/12/1991
Lewis	334	608504	WEYERHAEUSER CENTRALIA PROPERTY	Centralia	98531	Awaiting Cleanup	2	1/16/2004
Lincoln	3991	4345215	Crop Production Services Davenport	Davenport	99122	Cleanup Started	3	2/6/2008
Lincoln	4745	61231494	Crop Production Services Inc Almira	Almira	99103	Cleanup Started	5	8/17/2004
Lincoln	555	72286338	FUDS FAIRCHILD ATLAS S8	Davenport	99122	Cleanup Started	5	12/1/2003
Lincoln	1267	622	PUREGRO WILBUR	Wilbur	99185	Awaiting Cleanup	5	8/27/1991
Lincoln	5451	8112045	Reardan Gas Station	Reardan	99029	Awaiting Cleanup	4	2/6/2008
Lincoln	1949	7096	South Wilbur Petroleum Site	Wilbur	99185	Construction Complete- Performance Monitoring	1	8/17/1999
Lincoln	1208	625	VAUGHN DISTRIBUTING	Wilbur	99185	Awaiting Cleanup	5	8/4/2008
Lincoln	4803	32966245	WESTERN FARM SERVICE INC REARDAN RR	Reardan	99029	Cleanup Started	3	2/6/2008

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Mason	10818	85445218	BEN'S DELI MART	Allyn	98524	Cleanup Started	2	5/27/2014
Mason	8382	23694851	BURLINGTON NORTHERN RR	Shelton	98584	Cleanup Started	1	6/11/2013
Mason	9818	58776612	DAYTON GROCERY	Shelton	98584	Cleanup Started	2	3/11/2014
Mason	6309	56848587	FAIR HARBOR MARINE & RESORT	Grapeview	98546	Cleanup Started	2	4/1/2014
Mason	2537	1185	GOOSE LAKE	Shelton	98584	Cleanup Started	2	2/9/1998
Mason	6861	92248581	GRAPEVIEW COUNTRY STORE	Grapeview	98546	Cleanup Started	3	8/13/2007
Mason	2914	189457	GREEN DIAMOND RESOURCE CO SHELTON GUN &	Shelton	98584	Awaiting Cleanup	1	8/8/2013
Mason	4312	9111935	HIGHWAY 3 AUTO WRECKING	Shelton	98584	Awaiting Cleanup	1	1/3/2014
Mason	5976	37514682	HOOD CANAL MARINA CORP	Union	98592	Cleanup Started	2	4/3/2015
Mason	589	7638537	MASON COUNTY SALVAGE YARD	Shelton	98584	Awaiting Cleanup	3	2/26/2008
Mason	8633	29739935	MATLOCK GENERAL STORE	Matlock	98560	Cleanup Started	2	6/10/2013
Mason	10775	85121733	PARK PLACE ON HOOD CANAL	Belfair	98528	Cleanup Started	3	9/16/2015
Mason	5434	7407509	RK CUSTOM	Shelton	98584	Cleanup Started	1	9/25/2014
Mason	2295	1186	SHELTON C STREET LANDFILL	Shelton	98594	Cleanup Started	3	6/6/2014
Mason	4679	65663568	SHELTON LAUNDRY & CLEANERS	Shelton	98584	Cleanup Started	2	12/31/2005
Mason	2411	1187	SHELTON PORT OF ALL STAR AERO	Shelton	98584	Cleanup Started	4	3/12/1991
Mason	1581	4867529	SHELTON YACHT CLUB	Shelton	98584	Awaiting Cleanup	1	6/10/2013
Mason	2660	1190	SPIKES HYDRAULIC	Shelton	98584	Awaiting Cleanup	3	8/22/1995
Mason	10015	64531846	STANS AUTOMOTIVE ALLYN TEXACO	Allyn	98524	Cleanup Started	2	4/3/2015
Mason	9952	63189543	Texaco Service Station aka BOB'S AUTO REPAIR & TOWING	Hoodspport	98548	Cleanup Started	3	11/24/2014
Mason	1098	9440483	WA STATE CORRECTIONS CTR TRANSFORMER	Shelton	98584	Awaiting Cleanup	5	1/1/2016
Okanogan	4720	412	Alder Mill	Twisp	98856	Cleanup Started	1	3/9/1993
Okanogan	2168	7414013	Alice Mine	Nighthawk	98827	Awaiting Cleanup	2	2/2/2009
Okanogan	2092	1163525	Antimony Queen Mine	Carlton	98814	Awaiting Cleanup	1	11/4/2010
Okanogan	839	3523589	Black Bear Mine	Loomis	98827	Awaiting Cleanup	4	8/12/2009
Okanogan	3751	421	Brett Pit	Coulee Dam	99133	Awaiting Cleanup	2	8/28/1990
Okanogan	3986	4244872	Brook Mine	Omak	98840	Awaiting Cleanup	2	7/30/2008
Okanogan	4913	436	Coca Cola Distribution Co	Omak	98841	Cleanup Started	2	3/8/1994

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Okanogan	6272	54988827	Conconully General Store	Conconully	98819	Cleanup Started	5	2/2/2006
Okanogan	771	622966	Copper World Extension Mine	Loomis	98827	Awaiting Cleanup	3	2/2/2009
Okanogan	6258	54563171	DALES TEXACO OROVILLE	Oroville	98844	Cleanup Started	3	9/27/2006
Okanogan	2181	5284346	Four Metals Mine	Nighthawk	98827	Awaiting Cleanup	3	2/2/2009
Okanogan	1972	7444531	Golden Zone Mine	Nighthawk	98827	Awaiting Cleanup	4	3/12/2012
Okanogan	11805	1804	Kenneth Sasse Property	Tonasket	98855	Cleanup Started	1	9/11/2012
Okanogan	3004	8506296	Kings Pacific Pride	Twisp	98856	Awaiting Cleanup	3	7/30/2004
Okanogan	1096	7873712	Leonard Judd Property	Okanogan	98840	Awaiting Cleanup	5	7/19/2004
Okanogan	4914	439	Lloyd Logging Equipment Yard	Twisp	98856	Cleanup Started	5	3/8/1994
Okanogan	4357	440	Lloyds Logging Exc Soil	Twisp	98856	Awaiting Cleanup	5	8/20/1996
Okanogan	4356	426	Minnie Mine	Carlton	98814	Cleanup Started	2	3/12/1991
Okanogan	4354	422	Molson Dump	Molson	98844	Awaiting Cleanup	5	3/12/1991
Okanogan	1670	67329718	Montanye Property	Tonasket	98855	Awaiting Cleanup	4	1/24/2003
Okanogan	5684	21391393	Omak Gull 611	Omak	98841	Cleanup Started	2	8/28/2001
Okanogan	1481	9161567	Pilot Hill Mine	Chesaw	98844	Awaiting Cleanup	2	2/28/2012
Okanogan	7017	423	Quick Mart Eisen Chevron	Oroville	98844	Cleanup Started	2	8/27/1991
Okanogan	4473	55648558	Red Shirt Mill	Twisp	98856	Cleanup Started	1	8/28/2001
Okanogan	2390	7470699	Richard Reed Property	Oroville	98844	Awaiting Cleanup	5	6/24/2003
Okanogan	488	3405693	Ruby Mine	Nighthawk	98827	Awaiting Cleanup	2	2/2/2009
Okanogan	405	5672082	Sheridan Mine	Wauconda	98859	Awaiting Cleanup	4	1/10/2012
Okanogan	3033	101	Silver Mountain Mine	Loomis	98827	Cleanup Complete- Active O&M/Monitoring	0	2/22/1995
Okanogan	4171	2210257	Spokane Mine	Oroville	98844	Awaiting Cleanup	4	1/30/2012
Okanogan	11392	5409	Taplett Farms	Omak	98841	Awaiting Cleanup	4	11/4/2010
Okanogan	3661	420	Tonasket Post & Rail	Tonasket	98855	Awaiting Cleanup	5	8/28/1990
Okanogan	2154	1856824	Triune Mine	Oroville	98844	Awaiting Cleanup	1	11/4/2010
Okanogan	3395	416	US DOI BLM Kaaba Texas Mine	Nighthawk	98855	Construction Complete- Performance Monitoring	1	8/27/1991
Okanogan	3345	8523225	Virginia Houser Property	Okanogan	98840	Awaiting Cleanup	5	11/14/2003
Pacific	5416	6735391	Andys Salmon Charters	Ilwaco	98624	Cleanup Started	4	1/23/2008
Pacific	9713	55696789	BAY CENTER MARKET	Bay Center	98527	Cleanup Started	2	7/24/2014

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Pacific	7468	2258757	BP LONG BEACH	Long Beach	98631	Cleanup Started	1	12/9/2013
Pacific	11337	98889828	CHINOOK COUNTRY STORE	Chinook	98614	Cleanup Started	3	11/25/2013
Pacific	9642	54475573	GUELFIS WEST	Ocean Park	98640	Cleanup Started	2	7/24/2014
Pacific	5962	36791325	ILWACO PORT LYLES CANNERY	Ilwaco	98624	Cleanup Started	5	2/9/2007
Pacific	4644	6728892	LAIRD PROPERTY	Raymond	98577	Awaiting Cleanup	5	2/4/2010
Pacific	366	9612322	LITSCHKE PROPERTY	Chinook	98614	Awaiting Cleanup	1	3/18/2014
Pacific	9132	42525187	NORTH RIVER SCH DIST BROOKLYN	Cosmopolis	98537	Cleanup Started	5	7/16/2014
Pacific	5306	3063964	OYSTERVILLE STORE	Oysterville	98641	Cleanup Started	4	8/5/2008
Pacific	8738	33217469	PACIFIC CO PUBLIC WORKS - LONG BEACH CO SHOP	Long Beach	98631	Cleanup Started	3	1/1/2016
Pacific	8396	23857362	PACIFIC CO PUBLIC WORKS - RAYMOND CO SHOP	Raymond	98577	Cleanup Started	2	3/31/2015
Pacific	10881	86863297	PACIFIC COUNTY PUD 2 ILWACO	Ilwaco	98624	Cleanup Started	3	4/1/2014
Pacific	2661	1197	PART TIME AUTO WRECKING	Ilwaco	98624	Awaiting Cleanup	4	1/29/2003
Pacific	10592	81213911	Peninsula Sanitation Service Inc	Long Beach	98631	Cleanup Started	3	2/10/2015
Pacific	2947	31518862	TETZ OIL SOUTH BEND	South Bend	98586	Awaiting Cleanup	5	8/7/1998
Pacific	11309	98441925	TIME OIL 01-389	South Bend	98586	Cleanup Started	3	1/1/2016
Pacific	3619	84721374	TOSCO BULK PLANT 0296	Ilwaco	98624	Cleanup Started	5	2/12/2007
Pacific	3083	25108	TURNER & SON INC	Raymond	98577	Cleanup Started	3	8/18/2000
Pacific	3155	97796553	WA DOT Parcel 4 02221	South Bend	98586	Awaiting Cleanup	5	8/7/1998
Pacific	3442	78567384	WA DOT Parcel 4 02258	Raymond	98577	Awaiting Cleanup	5	8/4/1998
Pacific	7708	6559735	WA STATE DEPT OF FISHERIES	South Bend	98586	Cleanup Started	3	11/25/2013
Pend Oreille	4955	626	CUSICK SCHOOL DISTRICT	Cusick	99119	Cleanup Started	3	8/27/1991
Pend Oreille	6642	76475815	USK GENERAL STORE	Usk	99180	Construction Complete- Performance Monitoring	4	2/17/2010
Pierce	3671	1213	1913 MARINE VIEW DR	Tacoma	98422	Cleanup Started	2	3/12/1991
Pierce	3801	30005	1920 PORT OF TACOMA ROAD TACOMA	Tacoma	98421	Cleanup Started	5	1/4/2001
Pierce	1763	16358	25TH & HOLGATE S TACOMA	Tacoma	98402	Cleanup Started	3	7/16/1998
Pierce	3208	362821	28th ST CITY OF TACOMA PROPERTY	Tacoma	98402	Cleanup Started	5	12/9/2009
Pierce	10591	81194984	7-10 GROCERY	Tacoma	98408	Cleanup Started	2	1/12/2012
Pierce	2399	15676562	7614 340TH ST E DRUG LAB	Eatonville	98328	Cleanup Started	2	2/26/2002

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Pierce	4566	2195676	8007 MCKINLEY AVE E	Tacoma	98404	Awaiting Cleanup	1	7/16/1998
Pierce	528	95563821	8124 VALLEY AVENUE EAST	Puyallup	98371	Awaiting Cleanup	2	1/21/1998
Pierce	3673	1231	Airo Services Inc	Tacoma	98421	Cleanup Started	3	2/20/1996
Pierce	3257	1277	ALADDIN PLATING CO INC	Tacoma	98409	Cleanup Started	2	8/22/1995
Pierce	743	1377	Alexander Avenue Petroleum Tank Facilities	Tacoma	98421	Cleanup Started	3	12/31/1996
Pierce	1280	7515	ALGEO RESIDENTIAL PROPERTY	Ruston	98407	Awaiting Cleanup	4	2/9/2011
Pierce	2124	66987611	APM TERMINALS PACIFIC LTD	Tacoma	98421	Awaiting Cleanup	5	1/24/2003
Pierce	5004	1284	ARCO 4230	Tacoma	98408	Cleanup Started	2	2/25/1992
Pierce	3405	1220	ARKEMA INC	Tacoma	98421	Cleanup Started	1	9/10/1990
Pierce	8034	14374627	Arletta Foods	Gig Harbor	98335	Cleanup Started	2	8/16/2011
Pierce	538	216	ASARCO OFFSHORE	Tacoma	98407	Cleanup Started	0	2/22/1995
Pierce	712	215	ASARCO SMELTER	Tacoma	98407	Cleanup Started	0	2/22/1995
Pierce	3657	89267963	Asarco Tacoma Smelter Site	Area Wide	98407	Cleanup Started	0	8/31/2009
Pierce	4271	36651329	ASSOCIATED PETROLEUM PRO EATONVILLE	Eatonville	98328	Cleanup Started	2	1/4/2001
Pierce	3635	1219	ATOFINA CHEM 3009 TAYLOR WAY LOG YARD	Tacoma	98421	Construction Complete-Performance Monitoring	2	9/10/1990
Pierce	6974	97814788	AUTO WAREHOUSING CO TACOMA	Tacoma	98421	Cleanup Started	3	2/6/2008
Pierce	2297	1203	B & L WOODWASTE LANDFILL	Tacoma	98354	Construction Complete-Performance Monitoring	1	9/10/1990
Pierce	2472	24623	BNRR MCCARVER PROJECT	Tacoma	98402	Cleanup Started	5	8/19/1997
Pierce	4323	81267111	BNRR TACOMA YARD PARCEL 2071260010	Tacoma	98402	Cleanup Started	3	12/31/1998
Pierce	4081	94957214	BNRR TACOMA YARD PARCEL 2073230010	Tacoma	98402	Awaiting Cleanup	3	10/16/1998
Pierce	458	3466912	BNRR TACOMA YARD PARCEL 4715023590	Tacoma	98402	Awaiting Cleanup	3	2/2/1999
Pierce	579	91663719	BNRR TACOMA YARD PARCEL 8950001720	Tacoma	98402	Cleanup Started	5	2/16/1999
Pierce	3554	1267	BNRR TACOMA YARD PARCEL 8950001730	Tacoma	98402	Cleanup Started	3	2/17/1998

## Hazardous Sites List (HSL) Information

County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Pierce	51	969	BNSF S HOOD ST RENTAL PROPERTY	Tacoma	98402	Awaiting Cleanup	4	2/9/2011
Pierce	1634	7981609	BNSF TACOMA FUELING FACILITY	Tacoma	98421	Awaiting Cleanup	5	8/10/2007
Pierce	8784	34147781	BOB'S TEXACO	Tacoma	98424	Awaiting Cleanup	2	8/16/2011
Pierce	2809	6313940	BOWMAN RESIDENTIAL PROPERTY	Tacoma	98404	Awaiting Cleanup	5	2/11/2008
Pierce	5318	3427832	Bruce Titus Chevrolet	Tacoma	98403	Cleanup Started	5	1/29/2010
Pierce	3406	1233	Burlington Environmental LLC Tacoma	Tacoma	98421	Cleanup Started	2	2/18/1997
Pierce	1126	33468224	CAMAS PROPERTY	Tacoma	98409	Cleanup Started	2	1/14/2004
Pierce	3254	1242	CASCADE POLE MCF SITCUM	Tacoma	98421	Cleanup Started	4	9/10/1990
Pierce	2693	1206	CASCADE TIMBER 3 POT	Tacoma	98421	Construction Complete- Performance Monitoring	0	1/6/1991
Pierce	3762	1234	CHEVRON BULK PLANT USA 1348	Tacoma	98421	Cleanup Started	1	9/10/1990
Pierce	3485	44993787	CHOI PROPERTY	Puyallup	98371	Awaiting Cleanup	3	1/21/1998
Pierce	604	37982391	Clean Care Corp	Tacoma	98421	Cleanup Started	3	2/26/2002
Pierce	3032	42	COMMENCEMENT BAY NEARSHORE TIDEFLATS	Tacoma	98402	Tracked by EPA	0	1/31/1989
Pierce	5383	5937369	COMMERCIAL LORY UNIFORM RENT	Tacoma	98409	Cleanup Started	3	8/21/2001
Pierce	5006	1308	CONANS FUEL SERVICE	Gig Harbor	98332	Cleanup Started	4	8/20/1996
Pierce	5717	22955963	CONNIE J SCANNELL	Steilacoom	98401	Cleanup Started	1	11/30/2007
Pierce	3407	1235	COSKI INDUSTRIAL DUMP	Tacoma	98422	Awaiting Cleanup	4	8/27/1991
Pierce	3819	3860548	CROWS NEST MARINA	Tacoma	98422	Awaiting Cleanup	1	8/16/2011
Pierce	3048	1207	D ST PETROLEUM	Tacoma	98421	Construction Complete- Performance Monitoring	4	9/10/1990
Pierce	742	1360	EDGEWOOD SHOPPING CENTER	Milton	98354	Cleanup Started	2	8/20/1996
Pierce	3607	26218937	ELBE MALL	Elbe	98330	Awaiting Cleanup	5	7/26/2000
Pierce	12490	82621489	EMERALD SERVICES INC ALEXANDER AVE	Tacoma	98421	Cleanup Complete- Active O&M/Monitoring	3	11/18/2014
Pierce	3654	1315	ERS Trucking Tacoma	Tacoma	98445	Cleanup Started	2	2/21/1995

## Hazardous Sites List (HSL) Information

County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Pierce	6234	53271341	EZ MINI MART	Puyallup	98371	Cleanup Started	3	2/26/2002
Pierce	1628	5074108	FARLEY PROPERTY	Gig Harbor	98422	Awaiting Cleanup	4	2/7/2008
Pierce	3445	97767789	FRANKLIN SITE	Tacoma	98404	Awaiting Cleanup	4	8/4/2006
Pierce	3557	1301	FREDERICKSON INDUSTRIAL PARK	Puyallup	98375	Cleanup Started	1	9/10/1990
Pierce	3251	1227	General Metals of Tacoma	Tacoma	98422	Construction Complete- Performance Monitoring	1	9/10/1990
Pierce	5016	1342	GIG HARBOR SERVICE INC	Gig Harbor	98332	Cleanup Started	1	3/9/1993
Pierce	3115	2566095	GIG HARBOR SPORTSMAN CLUB	Gig Harbor	98332	Cleanup Started	1	12/9/2009
Pierce	3420	1342017	GLASSMAN PROPERTY	Puyallup	98371	Cleanup Started	1	7/26/2004
Pierce	4330	1246	Glenn Springs Holdings Inc	Tacoma	98421	Cleanup Started	0	9/7/1993
Pierce	2106	5001082	GOTTINGEN PROPERTY	Tacoma	98408	Awaiting Cleanup	3	1/18/2006
Pierce	6095	44479366	GP GYPSUM CORP TACOMA PLANT	Tacoma	98421	Cleanup Started	5	7/15/2004
Pierce	11444	20314	Hamilton Centerpoint	Eatonville	98328	Cleanup Started	2	8/1/2013
Pierce	2835	23641	HESSELGRAVE CHARTERS & TOURS	Puyallup	98372	Awaiting Cleanup	2	8/19/1997
Pierce	3649	1272	HIDDEN VALLEY LANDFILL THUN FLD	Puyallup	98375	Cleanup Complete- Active O&M/Monitoring	0	9/10/1990
Pierce	2592	4556251	HOGHAUG BETTER LATE THAN NEVER HAULING	Gig Harbor	98329	Awaiting Cleanup	2	2/12/2007
Pierce	4434	6638789	HORSESHOE LAKE WRECKING YARD	Gig Harbor	98329	Cleanup Started	1	1/10/2005
Pierce	4373	81528198	HYLEBOS WOOD DEBRIS SITE SEDIMENTS	Tacoma	98422	Cleanup Started	0	1/28/1998
Pierce	5316	3291385	INDUSTRIAL TIRE SERVICE ITS	Tacoma	98421	Cleanup Started	2	6/9/2014
Pierce	9393	47969128	J L DARLING CORPORATION	Tacoma	98421	Cleanup Started	3	2/12/2014
Pierce	7037	1277004	JEFFERSON AVENUE SITE	Tacoma	98402	Cleanup Started	2	2/9/2011
Pierce	143	1362	JOHN WALLERICH PROPERTY	Tacoma	98409	Awaiting Cleanup	5	1/24/2003
Pierce	4001	2220894	JOHNSONS JEWELRY & GIFTS	Puyallup	98372	Awaiting Cleanup	5	7/1/2005
Pierce	11460	25942345	KENS TIRE SERVICE UST 100479	Tacoma	98499	Awaiting Cleanup	2	2/12/2014
Pierce	8286	21526633	LABOR READY	Tacoma	98402	Cleanup Started	5	7/31/2013



## Hazardous Sites List (HSL) Information

County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Pierce	735	224	LAKWOOD PONDERERS CORNER	Lakewood	98438	Cleanup Complete-Active O&M/Monitoring	0	2/22/1995
Pierce	163	1354	LEONS TRUCKING	Buckley	98321	Awaiting Cleanup	5	12/24/1996
Pierce	4338	1314	LEWIS AUTO WRECKING	Puyallup	98373	Awaiting Cleanup	1	2/21/1995
Pierce	3074	1208	LINCOLN AVENUE DITCH	Tacoma	98421	Cleanup Started	3	3/12/1991
Pierce	6761	84811951	LONGBRANCH MERCANTILE	Longbranch	98351	Cleanup Started	2	12/31/2008
Pierce	3768	1283	Manke Lumber Co Inc Sumner	Sumner	98390	Awaiting Cleanup	5	8/27/1991
Pierce	6387	62115212	MARKET PLACE TEXACO	Tacoma	98404	Cleanup Started	3	2/26/2002
Pierce	2103	2968803	MARTIN RESIDENCE	Tacoma	98403	Cleanup Started	3	12/12/2007
Pierce	3643	1222	McFarland Cascade Pole & Lumber Co	Tacoma	98421	Cleanup Complete-Active O&M/Monitoring	1	9/10/1990
Pierce	1107	7912006	McMacken Property Sound Transit Tacoma	Tacoma	98402	Cleanup Started	2	1/18/2009
Pierce	363	9541966	METRO DASH POINT PARK	Tacoma	98422	Awaiting Cleanup	3	2/9/2011
Pierce	3519	55212794	MIDDLE WATERWAY STEEL SLAG	Tacoma	98421	Construction Complete-Performance Monitoring	0	1/1/1997
Pierce	4336	1305	MIDDLESEX CORP	Orting	98360	Cleanup Started	2	8/22/1995
Pierce	544	1350	MONITOR COMPANY	Tacoma	98409	Awaiting Cleanup	2	7/28/2005
Pierce	386	18489568	Morrells Dry Cleaners	Tacoma	98403	Cleanup Started	5	1/29/2010
Pierce	3827	1288	NATIONAL OIL DUMP	Tacoma	98409	Awaiting Cleanup	3	8/27/1991
Pierce	4620	69871828	NEWMAN RECYCLING	Tacoma	98404	Awaiting Cleanup	4	7/26/2000
Pierce	11801	7005	NICHOLS COMMUNITY CENTER	Fox Island	98333	Awaiting Cleanup	5	1/22/2013
Pierce	11741	20826	Nikolich Property	Gig Harbor	98332	Cleanup Started	1	9/18/2012
Pierce	3826	1281	OCCIDENTAL CHEMICAL DAUPHIN	Fife	98424	Cleanup Started	3	8/2/1999
Pierce	5032	1381	OLD PIERCE COUNTY COURT HOUSE	Tacoma	98402	Cleanup Started	5	8/19/1997
Pierce	2458	23544	OLYMPIC CHEMICAL CORP	Tacoma	98421	Cleanup Started	1	1/14/2009
Pierce	4329	1239	Pacific Functional Fluids LLC Tacoma	Tacoma	98421	Cleanup Started	1	12/31/1996
Pierce	3770	1300	Parkland Cleaners	Parkland	98444	Cleanup Started	3	9/10/1990
Pierce	6561	72222742	PAX ASSOCIATES	Tacoma	98402	Cleanup Started	5	7/27/2007

## Hazardous Sites List (HSL) Information

County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Pierce	11501	10007	PAYLESS SHOES	Tacoma	98404	Awaiting Cleanup	3	8/1/2013
Pierce	2095	2772567	PENINSULA LIGHT TRANSFORMER RAY NASH DR	Gig Harbor	98335	Awaiting Cleanup	3	5/28/2008
Pierce	3255	1245	Petroleum Reclaiming Service Inc	Tacoma	98421	Cleanup Started	2	3/12/1991
Pierce	2107	5011903	PHILLIPS RESIDENTIAL PROPERTY	Tacoma	98408	Cleanup Started	1	8/24/2011
Pierce	180	6929	PHILLIPS RESIDENTIAL PROPERTY GRAHAM LEAD MELTING	Graham	98338	Awaiting Cleanup	1	10/24/2011
Pierce	3363	8632033	PIER 24-25	Tacoma	98421	Tracked by EPA	0	9/15/2010
Pierce	3914	1289	PONDERS AUTO PARTS INC	Tacoma	98499	Awaiting Cleanup	3	8/20/1996
Pierce	5008	1313	PSE Puyallup SVC	Puyallup	98372	Cleanup Started	2	8/22/1995
Pierce	4595	1275	PUGET POWER ELECTRON POWER	Orting	98360	Awaiting Cleanup	2	8/27/1991
Pierce	6875	92961499	PUGET SOUND TRUCK LINES INC TAC	Tacoma	98421	Cleanup Started	5	1/27/2006
Pierce	4448	42385149	PUGNETTI PARK	Tacoma	98402	Cleanup Started	2	8/21/2001
Pierce	2145	1806706	PUMP STN 4103 ROW 2222 MARINE VIEW DR	Tacoma	98422	Awaiting Cleanup	5	2/9/2011
Pierce	9469	49933911	PURDY TEXACO AND GAS	Gig Harbor	98335	Cleanup Started	1	10/21/2013
Pierce	8117	15977599	QUICKWAY GROCERY	Tacoma	98408	Cleanup Started	3	6/29/2012
Pierce	3760	1221	RHONE POULENC BASIC CHEMICAL	Tacoma	98421	Cleanup Started	3	8/27/1991
Pierce	1557	9373416	RILEY PARKING LOT	Tacoma	98402	Awaiting Cleanup	5	1/20/2010
Pierce	2444	29954513	RIVER ROAD LANDSCAPING	Puyallup	98371	Awaiting Cleanup	1	12/2/1997
Pierce	621	219	RUSTON N TACOMA	Tacoma	98407	Cleanup Started	0	2/22/1995
Pierce	734	223	S TACOMA FIELD	Tacoma	98421	Cleanup Complete-Active O&M/Monitoring	0	2/22/1995
Pierce	3310	4339824	SAUROS CLEANERAMA TACOMA	Tacoma	98402	Construction Complete-Performance Monitoring	1	2/6/2008
Pierce	3252	1228	SEATTLE TRANSFER	Tacoma	98421	Awaiting Cleanup	3	2/21/1995
Pierce	4642	6639255	SEVENCOM	Tacoma	98402	Cleanup Started	5	7/16/2008
Pierce	1131	83113674	SHEAR TRUCKING	Buckley	98321	Cleanup Started	4	8/11/2003
Pierce	3256	1259	Shore Terminal Nustar Energy LP	Tacoma	98421	Cleanup Started	0	9/7/1993

## Hazardous Sites List (HSL) Information

County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Pierce	4529	17167958	SMURFIT STONE CONTAINER CORP	Tacoma	98421	Cleanup Started	5	7/27/2007
Pierce	11443	22019	Sodo Builders	Tacoma	98402	Cleanup Started	2	8/4/2014
Pierce	3131	6429953	SOUND MILL INC	Tacoma	98421	Cleanup Started	3	1/20/2010
Pierce	6609	74455879	SOUND TRANSIT DEPOT PARTNERSHIP PROPERTY	Tacoma	98402	Cleanup Started	2	8/11/2010
Pierce	3600	8785404	SOUTH SOUND RADIATOR	Tacoma	98421	Awaiting Cleanup	2	1/31/2008
Pierce	3103	41565617	SPADONI BROS INC GIG HARBOR	Gig Harbor	98335	Cleanup Started	3	2/6/2009
Pierce	1179	91945823	Stadium High School	Tacoma	98403	Cleanup Started	5	7/27/2007
Pierce	4375	85776142	STANDARD CHEMICAL CO SITE	Tacoma	98402	Construction Complete-Performance Monitoring	0	8/27/2002
Pierce	11505	16160	Steilacoom Marina Fire	Steilacoom	98388	Awaiting Cleanup	2	6/19/2012
Pierce	4502	8942055	STOHL PROPERTY	Puyallup	98371	Cleanup Started	1	7/26/2004
Pierce	401	3782573	STONE PROPERTY TRANSIT SITE	Tacoma	98421	Cleanup Started	3	1/20/2010
Pierce	4283	94883881	Stowe Construction Inc	Sumner	98391	Awaiting Cleanup	5	1/4/2001
Pierce	717	1334	SUBURBAN REALTY INC	Tacoma	98444	Cleanup Started	1	2/21/1995
Pierce	3653	1304	SUMNER NATIONAL AUTO PARTS	Sumner	98390	Cleanup Started	1	2/25/1992
Pierce	9894	61656248	SUNNEN CRANE SERVICE	Tacoma	98371	Cleanup Started	3	1/12/2012
Pierce	2096	2776343	SUPERLON PLASTICS CO INC	Tacoma	98421	Cleanup Started	1	1/20/2010
Pierce	9315	46295623	SUPERVALU NORTHWEST REGION	Tacoma	98421	Cleanup Started	3	11/8/2013
Pierce	6868	92562654	TACOMA CENTRAL NO 1	Tacoma	98421	Cleanup Started	3	7/27/2007
Pierce	4023	8168704	TACOMA CITY CONVENTION CTR GARAGE	Tacoma	98402	Awaiting Cleanup	5	7/27/2007
Pierce	7940	12454784	TACOMA CITY OF 1501 DOCK ST	Tacoma	98401	Awaiting Cleanup	3	2/12/2014
Pierce	9425	48925796	TACOMA CITY OF FIRE DEPT STATION 1	Tacoma	98402	Cleanup Started	3	1/3/2014
Pierce	3675	1249	TACOMA COAL GASIFICATION	Tacoma	98402	Cleanup Started	0	9/7/1993
Pierce	654	220	Tacoma Landfill	Tacoma	98409	Construction Complete-Performance Monitoring	0	2/25/1995
Pierce	3910	1257	TACOMA METALS SITE	Tacoma	98421	Cleanup Started	2	8/25/1992

## Hazardous Sites List (HSL) Information

County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Pierce	2395	9762715	Tacoma Port Earley Business Center	Tacoma	98421	Cleanup Started	5	8/21/2001
Pierce	2215	38	TACOMA PORT OF - Kaiser	Tacoma	98421	Cleanup Started	4	9/10/1990
Pierce	4220	79844675	TACOMA PORT SLIP 5	Tacoma	98444	Awaiting Cleanup	2	12/12/2007
Pierce	3677	1263	TACOMA REDEVELOPMENT PROP	Tacoma	98402	Construction Complete- Performance Monitoring	0	3/31/1993
Pierce	643	62855481	Tacoma Smelter Plume Pierce County	Area Wide	98467	Cleanup Started	0	8/20/2009
Pierce	622	221	TACOMA TAR PITS	Tacoma	98401	Construction Complete- Performance Monitoring	0	2/22/1995
Pierce	4692	1403183	TAYLOR WAY & ALEXANDER AVE FILL AREA	Tacoma	98409	Cleanup Started	3	5/4/2007
Pierce	7531	3346989	TEXACO 63-232-0350/SHELL 50	Tacoma	98403	Cleanup Started	5	7/1/2015
Pierce	3825	1274	Titus Will Enterprises Inc	Tacoma	98409	Cleanup Started	1	8/27/1991
Pierce	11263	96864157	TOPPING MOTORS INC	Tacoma	98402	Cleanup Started	5	1/3/2014
Pierce	11416	63316697	Truck Rail Handling Inc	Tacoma	98421	Awaiting Cleanup	4	1/28/2013
Pierce	1294	1206878	Tru-Grit Abrasives Inc	Tacoma	98421	Cleanup Started	1	2/9/2011
Pierce	1783	24488812	Tyee Cleaners & Laundromat	Tacoma	98499	Cleanup Started	1	7/28/2016
Pierce	10414	75634755	U-HAUL FACILITY 702-56	Tacoma	98444	Cleanup Started	3	2/8/2012
Pierce	3194	28881	UNION PACIFIC RR FIFE	Fife	98424	Cleanup Started	5	2/17/1998
Pierce	3259	1292	UNION PACIFIC RR TUNNEL	Tacoma	98421	Awaiting Cleanup	2	8/27/1991
Pierce	6385	61931157	UNOCAL 76 MAJOR PETROLEUM	Tacoma	98421	Cleanup Started	2	4/17/2014
Pierce	1056	38394393	US ARMY FORT LEWIS I5 CORRIDOR	Ft Lewis	98433	Cleanup Started	2	8/21/2001
Pierce	624	228	US ARMY FORT LEWIS LDFL 4 SRCPP	Tacoma	98400	Cleanup Started	0	2/22/1995
Pierce	623	226	US ARMY FORT LEWIS LDFL 5	Tacoma	98433	Tracked by EPA	0	2/22/1995
Pierce	655	227	US ARMY FORT LEWIS LOG CENTER	Tacoma	98433	Tracked by EPA	0	9/10/1990
Pierce	1750	54221181	US ARMY WSMC Pier 23	Tacoma	98421	Cleanup Started	1	8/10/2007
Pierce	12405	10919	US BANK PACIFIC AVE	Tacoma	98402	Cleanup Started	2	8/4/2014
Pierce	137	239	USAF MAFB AMERICAN LK GDN	Mchord Afb	98438	Construction Complete-	0	2/22/1995

## Hazardous Sites List (HSL) Information

County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
						Performance Monitoring		
Pierce	540	233	USAF MAFB MTCA WP 34	Tacoma	98438	Construction Complete-Performance Monitoring	3	8/30/1995
Pierce	656	234	USAF MAFB MTCA WP 44	Mcchord Afb	98438	Cleanup Complete-Active O&M/Monitoring	3	8/22/1995
Pierce	136	225	USAF MAFB WASHRACK	Mcchord Afb	98438	Cleanup Complete-Active O&M/Monitoring	0	2/22/1995
Pierce	5003	1260	USG Taylor Way Plant Site	Tacoma	98421	Cleanup Started	0	9/7/1993
Pierce	4741	99997000	USPS DOWNTOWN TACOMA PARKING LOT	Tacoma	98402	Awaiting Cleanup	5	2/9/2011
Pierce	4705	42252532	Veneer Chip Transport	Tacoma	98424	Awaiting Cleanup	4	7/26/2000
Pierce	3337	6260559	WA DOC MCNEIL ISLAND DIESEL SPILL	Steilacoom	98388	Cleanup Started	5	5/9/2006
Pierce	3873	214923	WA DOT SR16 E & I5 S	Tacoma	98499	Awaiting Cleanup	4	1/17/2006
Pierce	3767	1270	WA NATIONAL GUARD CAMP MURRAY	Tacoma	98433	Awaiting Cleanup	1	3/12/1991
Pierce	141	1325	WA UW TACOMA BRANCH	Tacoma	98402	Cleanup Started	3	12/31/1996
Pierce	626	1323	WA WSU Buckley Dairy 2	Buckley	98321	Cleanup Started	1	3/9/1993
Pierce	3332	4553045	WASHINGTON STATE HISTORY MUSEUM	Tacoma	98402	Awaiting Cleanup	4	1/20/2010
Pierce	135	222	WELL 12A	Tacoma	98421	Construction Complete-Performance Monitoring	0	9/10/1990
Pierce	3555	1269	WEYERHAEUSER DUPONT 1	Dupont	98327	Cleanup Started	2	9/10/1990
Pierce	4435	6766480	WOOD CHIP STORAGE YARD	Tacoma	98424	Awaiting Cleanup	1	8/11/2010
Pierce	165	1372	Woodworth & Co Inc Lakeview Plant	Tacoma	98499	Cleanup Started	2	8/11/2003
San Juan	14759	42226979	Albert Jensen & Sons Inc	Friday Harbor	98250	Awaiting Cleanup	1	8/8/2019
San Juan	931	755042	FRIDAY HARBOR FRONT ST ROW	Friday Harbor	98250	Awaiting Cleanup	5	7/16/2008
San Juan	1976	9710377	OPALCO	Friday Harbor	98250	Awaiting Cleanup	5	2/8/2008
San Juan	859	2655	SAN JUAN MARINA	Friday Harbor	98250	Awaiting Cleanup	4	8/6/2008

## Hazardous Sites List (HSL) Information

County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Skagit	8997	39164476	Aimcor	Sedro Woolley	98255	Cleanup Started	3	8/8/2015
Skagit	4098	8079357	Alger Dump	Alger	98233	Awaiting Cleanup	3	1/19/2007
Skagit	11327	98746187	Alger Food Mart	Burlington	98233	Cleanup Started	4	1/20/2019
Skagit	8249	19871937	American Building & Roofing	Mount Vernon	98273	Cleanup Started	5	2/5/2015
Skagit	8072	14995166	American Ranch & Home Supply	Mount Vernon	98273	Cleanup Started	5	5/5/2015
Skagit	4702	16963695	Anacortes City	Anacortes	98221	Awaiting Cleanup	4	2/5/2002
Skagit	13264	79423677	Anacortes Former Water Treatment Plant	Mount Vernon	98273	Awaiting Cleanup	5	8/20/2018
Skagit	9509	51579834	Anacortes Maintenance	Anacortes	98221	Cleanup Started	5	2/5/2015
Skagit	3604	21898438	Anacortes Port Log Yard	Anacortes	98221	Cleanup Started	2	8/14/2017
Skagit	5174	2670	Anacortes Port of Dakota Creek	Anacortes	98221	Cleanup Started	1	7/21/2008
Skagit	2573	23953	Anacortes Port of Q Ave & 15th St	Anacortes	98221	Cleanup Started	2	12/5/2004
Skagit	5622	17559673	Anacortes School Dist Bus Garage	Anacortes	98221	Cleanup Started	3	2/14/2011
Skagit	4469	2693	Anacortes Yacht Services	Anacortes	98221	Awaiting Cleanup	4	1/23/2009
Skagit	4443	17866918	Arts Auto Wrecking	Sedro Woolley	98284	Awaiting Cleanup	3	2/27/2001
Skagit	2363	25296975	Associated Petroleum Products Inc	Sedro-Woolley	98284	Cleanup Started	3	2/27/2001
Skagit	10822	85494711	Big Rock Grocery	Mount Vernon	98273	Cleanup Started	4	1/20/2019
Skagit	8492	25796697	BP Burlington Wash Rack	Burlington	98233	Cleanup Started	2	7/2/2013
Skagit	10039	65239992	Bucko Gas Station	Burlington	98233	Cleanup Started	3	6/17/2013
Skagit	7640	5448177	Burlington Edison SD 100	Burlington	98233	Cleanup Started	5	8/14/2018
Skagit	1493	24441562	Car Stereo Plus	Mount Vernon	98273	Cleanup Started	5	1/24/2003
Skagit	9655	54732941	Chevron 96774	Burlington	98284	Cleanup Started	3	8/5/2014
Skagit	6368	61112475	Chevron 97502	Sedro Woolley	98284	Cleanup Started	2	2/20/2018
Skagit	799	2674	Chevron Mt Vernon Bulk Plant	Mount Vernon	98273	Cleanup Started	5	8/22/1995
Skagit	7747	7511196	Countryside Chevrolet	Sedro-Woolley	98284	Cleanup Started	2	1/23/2014
Skagit	4533	2685	CUSTOM PLYWOOD MILL	Anacortes	98221	Cleanup Started	1	8/28/2001
Skagit	132	190	EDB 2 Skagit County	Mount Vernon	98237	Construction Complete- Performance Monitoring	1	2/22/1995
Skagit	6714	82249852	Gull Industries Inc 294	Burlington	98233	Cleanup Started	2	4/30/2012

## Hazardous Sites List (HSL) Information

County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Skagit	7765	7816417	Gull Station 224	Sedro Woolley	98284	Awaiting Cleanup	2	2/1/2012
Skagit	379	8017804	Harris Property Auto Recycling	Sedro-Woolley	98284	Awaiting Cleanup	1	2/8/2006
Skagit	9474	50528846	Hawley Auto Supply	Mount Vernon	98273	Cleanup Started	5	2/5/2015
Skagit	11068	92448847	Henry's Market	Bow	98232	Cleanup Started	5	8/11/2015
Skagit	7104	60892684	Herbs Muffler & Tune Up Center	Sedro Woolley	98284	Cleanup Started	3	2/15/2010
Skagit	7420	1369545	IMMACULATE CONCEPTION SCHOOL	Mount Vernon	98273	Cleanup Started	3	7/2/2013
Skagit	11383	19701	K Booster Station	Anacortes	98221	Awaiting Cleanup	3	1/28/2013
Skagit	8029	14317457	La Conner Landing	La Conner	98257	Cleanup Started	3	2/5/2015
Skagit	290	2675	Lake Erie Trucking	Anacortes	98221	Awaiting Cleanup	5	2/27/2001
Skagit	5429	7291012	Levina Bryant Property	Bow	98232	Cleanup Started	5	2/24/2012
Skagit	8102	15589878	Low Auto Sales	Sedro-Woolley	98284	Cleanup Started	5	2/1/2015
Skagit	265	3701538	M Johnson Property	Mount Vernon	98274	Awaiting Cleanup	3	8/7/2006
Skagit	8196	1999859	Marblemount Ranger Station	Marblemount	98284	Cleanup Started	3	7/17/2013
Skagit	304	2662	MARCH POINT LANDFILL	Anacortes	98221	Cleanup Started	2	1/24/2003
Skagit	4158	2690	MJB PROPERTIES	Anacortes	98221	Awaiting Cleanup	2	12/5/2004
Skagit	1434	7681	MJB SOUTH HYDRO FILL	Anacortes	98221	Awaiting Cleanup	2	12/5/2004
Skagit	6559	71966128	MOTOR TRUCKS INC MOUNT VERNON	Mount Vernon	98273	Awaiting Cleanup	3	12/5/2012
Skagit	6863	92292989	Mount Vernon City Hall Alley	Mount Vernon	98273	Cleanup Started	5	2/14/2011
Skagit	763	2659	Mount Vernon Gasoline Spill	Mount Vernon	98273	Cleanup Started	3	2/5/2002
Skagit	3935	3886148	Mount Vernon Plaza	Mount Vernon	98273	Cleanup Started	5	5/20/2013
Skagit	924	2663	Northwest Petrochemical Corp Anacortes	Anacortes	98221	Cleanup Started	2	8/28/2001
Skagit	4766	2684	Northwest Pipeline GP Mt Vernon C/S	Mount Vernon	98273	Cleanup Started	5	8/29/2000
Skagit	798	2667	Olympic Pipe Line Co Allen Station	Mount Vernon	98273	Awaiting Cleanup	1	8/17/2010
Skagit	764	2661	Osprey Boat Company Metcalf St	Sedro-Woolley	98284	Awaiting Cleanup	3	8/25/1993
Skagit	2437	7443386	Padilla Heights Rd Property	Anacortes	98221	Awaiting Cleanup	5	8/16/2005
Skagit	2739	6299983	PANORAMA DUMP	Clear Lake	98284	Awaiting Cleanup	5	11/6/2012
Skagit	8301	21991652	Pete's Shell & Towing	Mount Vernon	98273	Cleanup Started	5	5/5/2015

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Skagit	10872	86669137	Petes Towing	Mount Vernon	98273	Cleanup Started	5	1/26/2017
Skagit	2562	86666971	PSE Fredonia Generating Facility	Mount Vernon	98273	Awaiting Cleanup	5	6/23/2009
Skagit	5871	32313154	PSE SEDRO WOOLLEY	Sedro-Woolley	98284	Awaiting Cleanup	5	6/23/2006
Skagit	5179	2692	Punkin Center Cascade Tim	Hamilton	98255	Cleanup Started	5	8/24/2011
Skagit	12482	20859	Quiet Cove	Anacortes	98221	Cleanup Started	2	8/7/2018
Skagit	610	91579157	Rainy Pass	Rockport	98283	Cleanup Started	5	8/17/2010
Skagit	3430	49238458	Reisner Distributing 2	Anacortes	98221	Awaiting Cleanup	4	7/31/2007
Skagit	5711	22761169	Schenk Packing Plant LUST	Mount Vernon	98273	Cleanup Started	3	2/1/2012
Skagit	4520	8122259	Scott Paper Mill	Anacortes	98221	Construction Complete- Performance Monitoring	2	12/5/2004
Skagit	7949	12669485	Sedro Trail Corp Dandie Deli	Sedro-Woolley	98284	Cleanup Started	3	2/7/2014
Skagit	4846	4781157	Shell Oil Tank Farm	Anacortes	98221	Cleanup Complete- Active O&M/Monitoring	3	7/11/2008
Skagit	2865	7	Shell OPUS Puget Sound Refinery	Anacortes	98221	Cleanup Started	2	9/7/1993
Skagit	11854	78427782	Skagit Farmers Supply Agronomy Dept	Burlington	98233	Cleanup Started	2	8/3/2020
Skagit	8646	29974694	Skagit Farmer's Supply Burlington	Burlington	98233	Cleanup Started	5	1/26/2015
Skagit	1614	1201946	Skagit Laundry & Dye Works	Mount Vernon	98273	Awaiting Cleanup	5	1/8/2007
Skagit	5178	2689	Skagit Transportation Inc	Mount Vernon	98273	Cleanup Started	5	8/29/2000
Skagit	5854	31426711	TRANSMART PETROLEUM AVON BULK PLANT	Mount Vernon	98273	Cleanup Started	3	2/7/2014
Skagit	10030	64937476	UPS BURLINGTON	Burlington	98233	Cleanup Started	3	2/2/2012
Skagit	3477	21886695	WA DFW MARBLEMOUNT HATCHERY	Marblemount	98267	Cleanup Started	5	8/17/2010
Skagit	7831	9143392	WA DOT Anacortes Ferry Terminal	Anacortes	98221	Cleanup Started	5	9/18/2015
Skagit	9947	63111299	WA DOT ROW HUEY GAS STATION	Sedro-Woolley	98284	Cleanup Started	3	1/6/2014
Skagit	2891	82434686	WASH RACK	Mount Vernon	98273	Awaiting Cleanup	3	8/1/2013
Skagit	3531	94385939	WASHINGTON BULB COMPANY	Mount Vernon	98273	Cleanup Started	2	2/5/2002
Skagit	4291	2683	WHITMARSH SIDING	Anacortes	98221	Awaiting Cleanup	1	8/22/1995
Skagit	4219	79838784	Zimmermans Shell	La Conner	98257	Cleanup Started	3	7/30/2004
Skamania	3312	6368118	BROUGHTON LUMBER CO	Underwood	98651	Awaiting Cleanup	5	4/29/2015



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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Skamania	3301	35617784	GARWOOD OIL CO	Carson	98610	Awaiting Cleanup	2	8/7/2006
Skamania	4872	81274771	STEVENSON CO PLY MILL	Stevenson	98648	Cleanup Started	4	2/1/2000
Skamania	276	1382	UNOCAL BULK PLANT 0761	Stevenson	98648	Cleanup Started	1	3/9/1993
Skamania	4783	4740395	WA DOT FRONTAGE ROAD RIGHT OF WAY	Stevenson	98648	Awaiting Cleanup	5	8/7/2006
Snohomish	6767	85327563	7-Eleven 21464	Snohomish	98290	Cleanup Started	4	2/20/1998
Snohomish	10966	89312723	99 Body Shop	Edmonds	98026	Cleanup Started	3	8/11/2015
Snohomish	1839	67541366	All Night Air Sweep	Everett	98201	Awaiting Cleanup	2	8/22/2002
Snohomish	4822	2730	Alley Shop	Everett	98201	Awaiting Cleanup	5	8/29/2001
Snohomish	6498	67151754	ARCO 0822	Edmonds	98020	Cleanup Started	5	8/17/2011
Snohomish	4293	2701	Arlington Marysville Landfill	Arlington	98223	Awaiting Cleanup	5	2/29/2000
Snohomish	3193	28549	Arnolds Body Shop & Sales	Lake Stevens	98258	Awaiting Cleanup	5	8/20/1997
Snohomish	2581	4438651	BAY WOOD PRODUCTS	Everett	98201	Cleanup Started	4	1/30/2009
Snohomish	2024	7396092	Beyer Heating Oil Tank	Edmonds	98026	Awaiting Cleanup	4	8/7/2006
Snohomish	3993	2746	BILL PEARSON TIMBER	Sultan	98294	Awaiting Cleanup	3	8/23/1994
Snohomish	2219	6908010	BNSF Stanwood	Stanwood	98292	Cleanup Started	4	8/1/2007
Snohomish	4534	2703	BOEING EVERETT	Everett	98204	Cleanup Started	2	10/15/1997
Snohomish	4165	2756	BOEING PAINE FIELD SPORTS CLUB	Everett	98204	Awaiting Cleanup	5	4/5/2011
Snohomish	4399	2738	Bonneville Power Admin Snohomish	Snohomish	98290	Cleanup Started	4	2/29/2000
Snohomish	4600	2797	BRYANT HARDWARE	Stanwood	98292	Awaiting Cleanup	5	8/19/1997
Snohomish	4159	2705	Bryant Landfill	Arlington	98223	Awaiting Cleanup	5	8/2/2002
Snohomish	4547	2176234	Bryant Property	Arlington	98223	Awaiting Cleanup	1	8/21/2002
Snohomish	9828	59139328	CAR WASH ENTERPRISES EVERETT	Everett	98201	Cleanup Started	3	1/16/2014
Snohomish	2329	34846614	CASCADE CLEANERS SNOHOMISH	Snohomish	98290	Awaiting Cleanup	5	8/26/2003
Snohomish	3656	2801	CHAPMAN TRUCK REPAIR DITCH	Everett	98201	Awaiting Cleanup	5	8/20/1997
Snohomish	6747	84175453	Chevron 90445	Everett	98204	Cleanup Started	1	8/7/2018
Snohomish	3772	2787	CHRISTIANSON Co	Arlington	98223	Awaiting Cleanup	5	2/1/1994
Snohomish	3780	2855	COUNTRYSIDE DEVELOPMENT	Brier	98036	Awaiting Cleanup	4	8/18/1998
Snohomish	3504	59735413	DKJ Food Mart	Everett	98204	Awaiting Cleanup	5	8/1/2007
Snohomish	1629	5125580	Dry Clean US	Bothell	98021	Cleanup Started	5	2/8/2006
Snohomish	5568	14538667	DUFFYS SPEE DEE MART	Snohomish	98290	Cleanup Started	4	2/20/1998

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Snohomish	4297	2733	EAST WATERWAY	Everett	98201	Awaiting Cleanup	2	8/31/1991
Snohomish	2400	34732418	EDMONDS DRY STORAGE PORT OF EDMONDS	Edmonds	98020	Awaiting Cleanup	5	2/27/2001
Snohomish	4476	71411797	EVERETT CITY UPPER RIDGE RESERVOIR	Everett	98203	Awaiting Cleanup	5	8/26/2003
Snohomish	3862	2696	Everett Landfill Tire Fire	Everett	98201	Cleanup Started	1	11/1/1995
Snohomish	4577	45998439	Everett Laundry	Everett	98201	Awaiting Cleanup	5	8/28/2001
Snohomish	4601	2798	Everett Plating	Everett	98201	Awaiting Cleanup	5	2/20/1997
Snohomish	3655	2794	EVERETT SHIPYARD INC	Everett	98206	Cleanup Started	3	8/25/1992
Snohomish	4298	2744	Everett Smelter	Everett	98201	Cleanup Started	1	8/30/1991
Snohomish	3775	2806	Everett Steel Co Quantum Wood	Everett	98201	Awaiting Cleanup	5	8/28/2001
Snohomish	3561	71351	Everett Steel Scrapyard	Everett	98201	Cleanup Started	2	8/28/2001
Snohomish	5182	2728	ExxonMobil ADC	Everett	98201	Cleanup Started	2	8/20/1996
Snohomish	1282	10248	Fleury Auto & Truck Parts	Everett	98204	Awaiting Cleanup	4	8/21/2002
Snohomish	6814	88593256	Grand Building Valetor Cleaners	Everett	98201	Cleanup Started	5	8/1/2007
Snohomish	2021	7250260	Green Crow	Arlington	98223	Awaiting Cleanup	3	8/16/2006
Snohomish	1114	9439375	Griffin Property	Arlington	98223	Awaiting Cleanup	4	2/5/2007
Snohomish	3410	2796	Harbor Square	Edmonds	98020	Cleanup Started	2	2/16/1999
Snohomish	879	3332049	Home Acres Rd ROW	Snohomish	98290	Awaiting Cleanup	5	2/8/2006
Snohomish	588	7572498	James Auto Service	Edmonds	98026	Awaiting Cleanup	3	8/16/2005
Snohomish	4602	2815	JB Asphalt	Lynnwood	98036	Cleanup Started	5	8/18/1998
Snohomish	4402	2757	Jeld Wen	Everett	98201	Cleanup Started	5	8/30/1991
Snohomish	4768	2709	JH Baxter Arlington	Arlington	98223	Awaiting Cleanup	1	8/25/1992
Snohomish	3207	320362	JON JOHNSON PROPERTY	Snohomish	98290	Awaiting Cleanup	1	2/7/2013
Snohomish	2019	5409698	Kimberly Clark Outfall	Everett	98201	Awaiting Cleanup	5	1/30/2009
Snohomish	2569	9	Kimberly-Clark Worldwide	Everett	98201	Cleanup Started	4	1/16/2014
Snohomish	3440	68851192	KIMS 2	Lynnwood	98037	Awaiting Cleanup	5	2/16/1999
Snohomish	4535	2710	LAKE GOODWIN LANDFILL	Stanwood	98292	Awaiting Cleanup	5	1/24/2003
Snohomish	4818	2698	Lake Stevens Landfill	Lake Stevens	98258	Construction Complete- Performance Monitoring	5	8/29/2013
Snohomish	3564	2824	LES WEAR BACKHOE MACBRYER PROP	Lake Stevens	98258	Awaiting Cleanup	5	2/20/1996
Snohomish	10960	89252454	LUCKY 7 STORE	Everett	98203	Cleanup Started	3	1/14/2014

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Snohomish	4819	2712	Lynnwood Plating	Lynnwood	98036	Cleanup Started	4	3/9/1993
Snohomish	2652	83751844	Martha Lake Center	Lynnwood	98037	Awaiting Cleanup	3	2/4/2013
Snohomish	1040	43566392	Marysville Waterfront Park	Marysville	98270	Cleanup Started	4	2/4/2009
Snohomish	3660	98646924	MASSOUD PROPERTY	Lynnwood	98037	Awaiting Cleanup	2	8/29/2000
Snohomish	3992	2732	McCollum Park	Everett	98208	Construction Complete- Performance Monitoring	1	3/7/1995
Snohomish	3242	89398652	MID CITY TOWING	Everett	98204	Awaiting Cleanup	5	8/16/2005
Snohomish	11775	19816	Mill Creek Crossing Prime Cleaners	Bothell	98012	Cleanup Started	4	1/7/2020
Snohomish	4539	2753	Monroe Auto Salvage	Monroe	98272	Cleanup Started	1	8/23/1994
Snohomish	4558	2766	Monroe Auto Salvage 2 Snohomish	Snohomish	98290	Awaiting Cleanup	5	2/28/1997
Snohomish	4550	2251399	Monte Cristo Mining Area	Silverton	98241	Cleanup Started	1	1/31/2004
Snohomish	3804	2808	Nelson Distributing 2	Everett	98201	Awaiting Cleanup	5	8/18/1998
Snohomish	5186	2782	NELSON DISTRIBUTING EVERETT	Everett	98201	Cleanup Started	5	7/23/2013
Snohomish	4162	2737	NIC L SILVER	Edmonds	98020	Cleanup Started	5	8/22/1995
Snohomish	3546	68853261	North Marina Ameron Hulbert	Everett	98201	Cleanup Started	1	8/12/2009
Snohomish	934	3306834	North Marina West End	Everett	98201	Cleanup Complete- Active O&M/Monitoring	2	8/4/2008
Snohomish	4838	2779	Northwest Pipeline Sno Compr	Snohomish	98290	Cleanup Started	5	8/20/1997
Snohomish	4772	2741	OBRIEN TRUCKING	Mukilteo	98275	Awaiting Cleanup	5	8/18/1998
Snohomish	3922	2825	OGDEN PROPERTY	Lynnwood	98037	Awaiting Cleanup	5	2/16/1999
Snohomish	2468	20511	Pacific Plating Aero Fancy Stamps	Everett	98201	Awaiting Cleanup	5	2/28/1997
Snohomish	4554	2734	Pacific Pride Chennault Beach	Everett	98204	Awaiting Cleanup	5	2/16/1999
Snohomish	4398	2723	PALLISTER PAINT	Everett	98204	Awaiting Cleanup	5	8/22/1995
Snohomish	3308	4196313	Parcel 6 Jensen	Monroe	98272	Awaiting Cleanup	2	2/20/1998
Snohomish	2817	11747135	PDQ LAUNDRY ROOM	Marysville	98270	Awaiting Cleanup	5	10/30/2002
Snohomish	2217	5136552	PETTERSSON PROPERTY	Monroe	98272	Awaiting Cleanup	4	8/29/2013
Snohomish	4538	2742	PIONEER MARINE PLAZA	Everett	98201	Awaiting Cleanup	5	1/24/2003
Snohomish	5185	2774	PSE Everett Operating Facility	Everett	98201	Cleanup Started	5	9/7/1993
Snohomish	4540	2760	PUMP CRETE	Lynnwood	98037	Awaiting Cleanup	4	8/25/1992
Snohomish	6073	43211546	Railroad Old Gas Station	Granite Falls	98252	Awaiting Cleanup	4	8/5/2009
Snohomish	4396	2706	Richmond Beach Terminal	Seattle	98177	Awaiting Cleanup	3	8/18/1998

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Snohomish	4345	2852	ROTARY PARK	Everett	98208	Awaiting Cleanup	4	2/16/1999
Snohomish	3409	2781	RUBATINOS TRUCK CARE	Everett	98201	Awaiting Cleanup	5	3/9/1993
Snohomish	6778	85995713	S & T MINI MART	Arlington	98223	Awaiting Cleanup	5	8/16/2011
Snohomish	417	9525627	Sea Alaska Industrial Electric	Snohomish	98290	Cleanup Started	3	2/7/2013
Snohomish	4164	2754	Shultz Distributing Inc Railroad	Monroe	98272	Awaiting Cleanup	5	8/20/1996
Snohomish	3863	2699	Sisco Landfill	Arlington	98223	Cleanup Started	2	8/20/1996
Snohomish	4295	2719	SNOHOMISH LANDFILL	Snohomish	98290	Awaiting Cleanup	5	1/24/2003
Snohomish	3235	51136873	Son Cedar Products	Darrington	98241	Awaiting Cleanup	1	1/30/2009
Snohomish	3830	2785	Spencer Island Moser Property	Everett	98205	Awaiting Cleanup	5	8/19/1997
Snohomish	4603	2816	STANS RADIATOR	Everett	98205	Awaiting Cleanup	3	8/23/1994
Snohomish	2755	88877396	Storm Lake Grocery	Snohomish	98290	Cleanup Started	5	1/10/2005
Snohomish	4261	32829474	Sultan Post & Pole	Sultan	98294	Awaiting Cleanup	2	2/6/2002
Snohomish	628	10587741	TC SYSTEMS INC	Everett	98201	Cleanup Started	1	2/5/2015
Snohomish	12071	17392	TECT Aerospace Everett	Everett	98204	Awaiting Cleanup	4	2/18/1997
Snohomish	6971	97719941	Texaco Star Mart 3706 Johnson Property	Snohomish	98296	Cleanup Started	3	2/6/2002
Snohomish	12541	27496218	Texaco Strickland	Lynnwood	98036	Cleanup Started	1	10/6/2017
Snohomish	4344	2850	TRAMCO BF GOODRICH AEROSPACE	Everett	98204	Awaiting Cleanup	5	2/28/1997
Snohomish	565	191	TULALIP LANDFILL	Marysville	98270	Tracked by EPA	0	2/22/1995
Snohomish	8447	24866719	Turners Corner Handi Mart	Woodinville	98072	Cleanup Started	2	1/16/2014
Snohomish	3918	2793	TWIN CITY TOWING	Stanwood	98292	Awaiting Cleanup	5	8/20/1997
Snohomish	5302	2881226	Unocal 3604	Everett	98201	Cleanup Started	5	8/16/2011
Snohomish	5562	14133385	UNOCAL 4196	Marysville	98270	Cleanup Started	5	8/16/2011
Snohomish	10391	74865182	UNOCAL 5533	Lynnwood	98037	Cleanup Started	2	1/16/2014
Snohomish	3832	2810	UNOCAL BULK PLANT ARLINGTON	Arlington	98223	Cleanup Started	2	8/25/1993
Snohomish	5180	2720	Unocal Edmonds Bulk Fuel Terminal 0178	Edmonds	98020	Cleanup Started	1	8/30/1991
Snohomish	5351	5132561	Unocal SS 4165	Snohomish	98290	Cleanup Started	4	2/20/1998
Snohomish	3776	2821	Urban Accessories	Sultan	98294	Awaiting Cleanup	5	3/1/1994
Snohomish	308	513712	WA DOT I5 MP 197 MARYSVILLE	Marysville	98270	Awaiting Cleanup	4	7/17/2008
Snohomish	3995	2763	Wellington Hills Assoc Superior Oil	Woodinville	98072	Cleanup Started	2	3/8/1994
Snohomish	4776	2775	WESTERN HYDROBLASTER	Mukilteo	98275	Awaiting Cleanup	4	2/20/1998

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Snohomish	2495	11	Weyerhaeuser Everett East	Everett	98201	Cleanup Complete-Active O&M/Monitoring	1	8/22/1995
Snohomish	2903	12	Weyerhaeuser Everett Mill E	Everett	98201	Construction Complete-Performance Monitoring	1	8/22/1995
Snohomish	4342	2818	Whiteside Inc	Snohomish	98296	Cleanup Started	4	8/19/1997
Snohomish	527	95547562	Woodys Auto Wrecking Inc	Woodinville	98072	Cleanup Started	4	8/31/1999
Spokane	1138	670	ALASKA STEEL & SUPPLY	Spokane	99202	Awaiting Cleanup	4	2/15/1991
Spokane	1133	627	Aluminum Recycling Corp	Spokane	99217	Construction Complete-Performance Monitoring	2	8/27/1991
Spokane	1081	628	Aluminum Recycling Trentwood	Spokane Valley	99216	Cleanup Started	2	2/8/2008
Spokane	1268	629	ARGONNE ROAD	Spokane Valley	99207	Cleanup Started	3	8/31/1990
Spokane	3512	31739484	Avista Corp Spokane Service Center	Spokane	99252	Cleanup Started	5	8/18/1998
Spokane	3233	45389238	Becks Radiator Shop	Spokane	99202	Cleanup Started	4	2/16/2011
Spokane	1134	638	BJ CARNEY & Co	Spokane	99206	Cleanup Started	3	8/27/1991
Spokane	8120	16113296	BJS MUFFLER SHOP	Spokane	99212	Cleanup Started	5	7/3/2014
Spokane	2829	20894	BN SF RR BUNKER C SPILL AREA	Spokane	99207	Awaiting Cleanup	5	2/17/1998
Spokane	913	737	BNRR TAYLOR EDWARDS A	Spokane	99202	Cleanup Started	3	8/14/2009
Spokane	780	736	BNRR TAYLOR EDWARDS Whse	Spokane	99202	Cleanup Complete-Active O&M/Monitoring	3	2/17/1998
Spokane	1318	676	BNSF PARKWATER RAILYARD	Spokane	99212	Construction Complete-Performance Monitoring	3	2/20/1996
Spokane	3243	98615712	BNSF Railway Black Tank Property	Spokane	99207	Cleanup Started	3	2/27/2001
Spokane	1805	639	BURLINGTON NORTHERN HILLYD	Spokane	99207	Awaiting Cleanup	4	8/27/1991
Spokane	2901	3	CDC Mead LLC	Mead	99021	Cleanup Started	0	9/10/1990
Spokane	64	723	CITY OPERATIONS COMPLEX	Spokane	99207	Cleanup Started	3	2/20/1996

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County	CSID	FSID	Cleanup Site Name	City	Zip Code	Status	Rank	Date Added to HSL
Spokane	1023	650	City Parcel	Spokane	99202	Cleanup Complete-Active O&M/Monitoring	2	8/31/1999
Spokane	3035	110	COLBERT LANDFILL	Spokane	99005	Cleanup Complete-Active O&M/Monitoring	0	2/22/1995
Spokane	4966	746	DIVINE 11 MIDCITY	Spokane	99204	Cleanup Started	5	2/27/2012
Spokane	10665	82768495	EVANS TEXACO	Spokane	99203	Cleanup Started	5	8/10/2015
Spokane	1809	671	FOUR LAKES TIRE FIRE FLTF	Four Lakes	99014	Awaiting Cleanup	5	8/27/1991
Spokane	1082	630	General Electric Co	Spokane Valley	99212	Construction Complete-Performance Monitoring	0	9/10/1990
Spokane	12540	77319379	Grain Handling Facility at Freeman	Freeman	99036	Cleanup Started	0	9/29/2015
Spokane	1019	631	Greenacres Landfill	Liberty Lake	99019	Cleanup Complete-Active O&M/Monitoring	0	9/10/1990
Spokane	8593	28624855	GREYHOUND LINES INC SPOKANE	Spokane	99204	Cleanup Started	5	8/12/2014
Spokane	3509	84461527	HAMILTON STREET BRIDGE SITE	Spokane	99202	Construction Complete-Performance Monitoring	3	8/17/1992
Spokane	1135	645	HEGLAR KRONQUIST	Mead	99021	Construction Complete-Performance Monitoring	2	8/23/2006
Spokane	6808	88198717	HILLTOP CONOCO & GROCERY	Spokane	99204	Cleanup Started	5	8/14/2009
Spokane	4580	52126416	HOLCIM INC	Spokane Valley	99206	Cleanup Complete-Active O&M/Monitoring	1	8/14/2009
Spokane	7093	53481373	Kaiser Aluminum & Chemical Corporation	Spokane	99216	Cleanup Started	2	8/28/2001
Spokane	1234	687	KOCH MATERIALS TRENT AVE	Spokane	99211	Cleanup Started	3	8/17/1992
Spokane	1022	648	MARSHALL LANDFILL	Marshall	99020	Cleanup Started	4	8/31/1990
Spokane	1020	633	Mica Landfill	Mica	99023	Cleanup Complete-Active O&M/Monitoring	0	9/10/1990
Spokane	4	756	Minit Lube Cesspool	Spokane	99216	Awaiting Cleanup	5	8/19/1997

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Spokane	3181	21329	Nine Mile Falls Campground	Nine Mile Falls	99026	Awaiting Cleanup	5	8/21/2013
Spokane	1150	667	North Market St	Spokane	99207	Cleanup Complete-Active O&M/Monitoring	0	9/10/1990
Spokane	2500	111	Northside Landfill	Spokane	99208	Cleanup Complete-Active O&M/Monitoring	0	9/10/1990
Spokane	3225	8808522	Plaza Grange Supply	Plaza	99028	Awaiting Cleanup	5	12/18/2003
Spokane	12179	1740049	Progress Elementary Undeveloped Land	Veradale	99037	Cleanup Started	3	8/23/2006
Spokane	11783	57551268	QWIK STOP 634	Cheney	99004	Cleanup Started	3	8/21/2013
Spokane	4968	751	ROCKFORD GRAIN GRWRS ROCKFORD	Rockford	99030	Construction Complete-Performance Monitoring	5	2/18/1997
Spokane	3281	2539137	Saltys at the Falls	Spokane	99201	Awaiting Cleanup	5	8/17/2004
Spokane	3229	16655424	SemMaterials LP Spokane	Spokane	99217	Cleanup Started	3	2/21/1995
Spokane	4959	691	SICILIA TRUCKING	Spokane	99217	Cleanup Started	3	2/23/1993
Spokane	1187	683	SIRTI	Spokane	99202	Awaiting Cleanup	5	2/18/1997
Spokane	1835	19894	SPOKANE ANG STA SWAMP DUMP	Spokane	99204	Cleanup Started	2	8/19/1997
Spokane	3217	4235787	Spokane City Central Park Maintenance Pro	Spokane	99201	Cleanup Started	5	2/27/2012
Spokane	3	738	SPOKANE CO WATER DIST 3	Mead	99201	Awaiting Cleanup	2	2/25/2003
Spokane	1479	7114348	SPOKANE COUNTY MOTORSPORT PARK	Airway Heights	99224	Cleanup Started	2	12/31/2008
Spokane	1225	674	SPOKANE FIRE DEPT TRAINING FAC	Spokane	99201	Cleanup Started	3	3/8/1994
Spokane	2393	9706420	SPOKANE INTL RR MAINTENANCE FAC	Spokane	99202	Awaiting Cleanup	5	8/18/2010
Spokane	1340	12835	Sprague Pest Control	Spokane	99204	Cleanup Started	3	8/19/1997
Spokane	6358	59798911	Sunset Food Mart	Spokane	99205	Cleanup Started	5	2/17/2010
Spokane	10163	68473329	TEXACO 605	Spokane	99203	Cleanup Started	3	6/27/2014
Spokane	8398	23886367	UNOCAL SS-4986	Spokane	99202	Cleanup Started	5	6/11/2019
Spokane	87	755	UPRR FANCHER RD E	Spokane	99212	Awaiting Cleanup	3	2/17/1998
Spokane	43	735	UPRR TEKOA LINE SEGMENT 1	Latah	99018	Awaiting Cleanup	5	8/20/1996
Spokane	14615	702	URM Stores Creosote	Spokane	99207	Cleanup Started	5	3/1/1994

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Spokane	1141	702	URM Stores Inc	Spokane	99207	Cleanup Started	5	3/8/1994
Spokane	3036	112	US AF FAIRCHILD AFB	Spokane	99011	Cleanup Started	0	9/10/1990
Spokane	2376	113	US AF FAIRCHILD CRAIG RD LDFL	Spokane	99011	Construction Complete-Performance Monitoring	0	2/22/1995
Spokane	1270	654	US DOE BPA Bell Maintenance HQ	Mead	99021	Cleanup Started	3	3/8/1994
Spokane	11326	98726688	US WEST MORAN CENTRAL OFFICE	Spokane	99201	Cleanup Started	5	2/13/2014
Spokane	1271	661	USAAC GEIGER FIELD GF001	Spokane	99219	Cleanup Started	2	8/17/1992
Spokane	1137	663	USAAC GEIGER FIELD GF003	Spokane	99219	Cleanup Started	5	8/17/1992
Spokane	1233	664	USAAC GEIGER FIELD GF004	Spokane	99219	Cleanup Started	3	8/17/1992
Spokane	1149	665	USAAC GEIGER FIELD GF005	Spokane	99219	Awaiting Cleanup	4	8/17/1992
Spokane	1185	666	USAAC GEIGER FIELD GF006	Spokane	99219	Cleanup Started	3	8/17/1992
Spokane	2283	114	USAF FAFB PR1	Spokane	99011	Cleanup Started	0	9/10/1990
Spokane	2874	122	USAF FAFB PR1 FT 1	Spokane	99011	Construction Complete-Performance Monitoring	0	2/22/1995
Spokane	2501	118	USAF FAFB PR1 LTM	Spokane	99011	Cleanup Complete-Active O&M/Monitoring	0	2/22/1995
Spokane	2679	120	USAF FAFB PR1 PS 2	Spokane	99011	Construction Complete-Performance Monitoring	0	2/22/1995
Spokane	2303	123	USAF FAFB PR1 WW 1	Spokane	99011	Cleanup Complete-Active O&M/Monitoring	0	2/22/1995
Spokane	2377	115	USAF FAFB PR2	Spokane	99011	Cleanup Complete-Active O&M/Monitoring	0	2/22/1995
Spokane	3010	58757186	USAF FAFB PR2 PS1	Spokane	99011	Construction Complete-Performance Monitoring	0	2/22/1995
Spokane	2284	116	USAF FAFB PR3	Spokane	99011	Cleanup Started	0	2/22/1995
Spokane	1188	16238241	WA AIR NATIONAL GUARD SPOKANE ELECTRIC	Spokane	99224	Cleanup Started	3	3/8/1994



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Spokane	2697	26770	WA NATIONAL GUARD FOUR LAKES	Fairchild Afb	99011	Cleanup Started	5	8/19/1997
Spokane	10563	79536166	WARREN LITTLE LUND BLDG	Spokane	99204	Cleanup Started	3	8/20/2012
Spokane	3528	89233269	West Plains Groundwater Contam Area	Airway Heights	99001	Awaiting Cleanup	3	8/28/2001
Spokane	1223	656	WESTERN FARM SERVICE INC LATAH HWY 27	Latah	99018	Cleanup Started	5	8/12/2004
Spokane	2084	15488433	Yellowstone Pipeline Co Fairchild Del Fa	Spokane	99206	Cleanup Started	3	8/27/2002
Stevens	12339	6936654	Avista Utilities Kettle Falls	Kettle Falls	99141	Cleanup Started	5	8/8/2014
Stevens	9934	62592393	BOISE CASCADE PLYWOOD PLANT	Kettle Falls	99141	Cleanup Started	5	11/10/2014
Stevens	4778	2082586	BONANZA MINE LOWER MINE	Evans	99126	Awaiting Cleanup	4	8/3/2007
Stevens	4307	6827492	BONANZA MINE UPPER MINE	Evans	99126	Awaiting Cleanup	4	8/3/2007
Stevens	23	768	CARLSON DISTRIBUTING Co	Colville	99114	Awaiting Cleanup	5	8/28/2003
Stevens	4794	9125918	CLAYTON BULK PLANT	Clayton	99110	Awaiting Cleanup	3	2/21/2007
Stevens	46	765	COLVILLE POST & POLES	Colville	99114	Cleanup Started	3	3/3/1994
Stevens	8618	29392677	DAWSON TRUCKING INC	Valley	99181	Cleanup Started	5	2/27/2012
Stevens	8542	27427285	FRUITLAND SERVICE	Fruitland	99129	Cleanup Started	5	1/27/2015
Stevens	4452	99472564	GULL INDUSTRIES INC CHEWELAH	Chewelah	99109	Awaiting Cleanup	5	8/18/2010
Stevens	6991	98728759	HARTMAN OIL INC	Colville	99114	Construction Complete-Performance Monitoring	3	2/16/2011
Stevens	8375	23435853	J & P'S SERVICE	Valley	99181	Cleanup Started	3	2/1/2013
Stevens	88	762	L-Bar Site	Chewelah	99109	Construction Complete-Performance Monitoring	4	3/8/1994
Stevens	47	767	LeRoi Co Smelter	Northport	99157	Cleanup Complete-Active O&M/Monitoring	1	8/22/1995
Stevens	783	761	MIDNIGHT MINE	Wellpinit	99040	Tracked by EPA	0	2/1/2000
Stevens	89	764	TELEPHONE UTILITIES CORP	Chewelah	99109	Awaiting Cleanup	5	2/27/2012
Stevens	461	1554858	VAN STONE MINE	Colville	99114	Cleanup Started	1	2/21/2007
Stevens	9440	49354234	WHITTEN OIL 1	Colville	99114	Cleanup Started	4	8/21/2013
Thurston	496	7496337	1203 EDISON ST NE	Olympia	98501	Cleanup Started	5	1/27/2006

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Thurston	2917	2700509	1515 Division Nursery	Olympia	98502	Cleanup Started	2	10/15/2014
Thurston	1127	33626892	17936 LITTLE ROCK ROAD SE DRUG LAB	Rochester	98579	Awaiting Cleanup	4	8/30/2002
Thurston	1419	4877728	8TH & CAPITOL INVESTIGATION	Olympia	98501	Awaiting Cleanup	3	10/30/2007
Thurston	7451	1851774	ARCO 4435	Lacey	98503	Cleanup Started	3	8/16/2011
Thurston	6823	89216524	ARNOLDS TEXACO SERVICE	Olympia	98506	Cleanup Started	3	8/27/2013
Thurston	11229	95968867	ASTRO WESTERN 617	Olympia	98501	Cleanup Started	2	8/16/2011
Thurston	5037	1420	BLACK LAKE GROCERY	Olympia	98512	Construction Complete- Performance Monitoring	2	8/25/1992
Thurston	4076	69923242	BMT NORTHWEST AKA RELIABLE STEEL	Olympia	98502	Cleanup Started	1	11/30/2007
Thurston	223	3749	BOULEVARD NURSERY	Olympia	98501	Cleanup Started	2	1/16/2013
Thurston	4243	6649361	BUCKEYE COURT GASOLINE SPILL	Olympia	98512	Awaiting Cleanup	1	2/2/2006
Thurston	1374	1158414	CAPITAL CITY STUDIOS	Olympia	98501	Awaiting Cleanup	3	6/11/2008
Thurston	10492	77633313	CAPITAL PLUMBING AND HEATING	Olympia	98501	Cleanup Started	2	7/8/2014
Thurston	2423	20682	Carlyon Beach Homeowners Shop	Olympia	98502	Awaiting Cleanup	5	1/28/2013
Thurston	723	1385	CASCADE POLE INC MCFARLAND	Olympia	98501	Construction Complete- Performance Monitoring	1	9/10/1990
Thurston	662	1388	CEDAR CREEK CORRECTIONS DNR	Littlerock	98556	Cleanup Started	2	9/10/1990
Thurston	754	1391	CITIFOR Inc	Olympia	98512	Cleanup Complete- Active O&M/Monitoring	2	2/25/2002
Thurston	1445	4081	CLARKE RESIDENCE	Olympia	98501	Awaiting Cleanup	5	1/25/2010
Thurston	7662	5717399	Diamond Parking Lot-Chevron 9- 0292	Olympia	98501	Cleanup Started	3	8/16/2011
Thurston	407	5785176	EAST BAY REDEVELOPMENT	Olympia	98501	Cleanup Started	2	7/24/2008
Thurston	852	14214153	Eastside Laundry Allisons Norge Village	Olympia	98506	Cleanup Started	3	8/27/2002
Thurston	158	243	EDB 1 THURSTON COUNTY	Olympia	98501	Awaiting Cleanup	2	2/22/1995
Thurston	2397	9868921	EIGHTH AVENUE PARK	Olympia	98501	Cleanup Started	3	12/17/2014

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Thurston	7103	58655568	EVERGREEN SHORES GROCERY	Olympia	98512	Cleanup Started	2	8/8/2002
Thurston	2841	2472085	EVERGREEN SPORTSMAN CLUB	Olympia	98512	Awaiting Cleanup	3	9/4/2015
Thurston	11662	6899	FABER & SONS RECYCLING ROCHESTER	Rochester	98579	Awaiting Cleanup	1	1/28/2013
Thurston	11658	4267	FRANKS PROPERTY	Tumwater	98512	Awaiting Cleanup	1	1/16/2013
Thurston	3098	12548811	HANDY PANTRY	Olympia	98502	Awaiting Cleanup	3	8/27/2013
Thurston	3942	4017323	HAUMANN PROPERTY	Olympia	98502	Awaiting Cleanup	4	10/29/2008
Thurston	635	19341958	Howards Cleaners	Lacey	98503	Awaiting Cleanup	1	1/25/2010
Thurston	8189	17891797	INTERCITY TRANSIT TREASURE CHEST	Olympia	98501	Cleanup Started	3	12/9/2013
Thurston	1449	6719	J & J SALVAGE DRUMS	Olympia	98501	Awaiting Cleanup	1	11/24/2015
Thurston	10554	79261422	JACK WILMARTH TRIANGLE GENERAL STORE	Rochester	98579	Cleanup Started	2	2/13/2012
Thurston	8713	32538917	JACKPOT STATION 371	Olympia	98502	Cleanup Started	3	2/13/2012
Thurston	7996	13693544	JACKS AUTO REPAIR	Olympia	98506	Cleanup Started	5	12/27/2013
Thurston	6705	81599862	Jiffy Lube 2071	Lacey	98503	Cleanup Started	3	8/11/2005
Thurston	2120	57665495	JOHNS AUTO WRECKING aka Havens Estate Investments, LLC	Olympia	98501	Cleanup Started	1	2/4/2004
Thurston	9502	51544116	KENS TIRE	Olympia	98501	Cleanup Started	3	2/14/2012
Thurston	279	1416	LACEY LAUNDROMAT	Lacey	98503	Cleanup Started	1	2/25/1992
Thurston	472	9945327	LACEY MARKET SQUARE	Lacey	98503	Awaiting Cleanup	2	10/27/2015
Thurston	295	1411	LACEY VALVE GRINDING	Lacey	98503	Awaiting Cleanup	3	2/25/1992
Thurston	1764	16611	LOTT CONSTRUCTION PROJECT ROW MARTIN WAY	Lacey	98516	Awaiting Cleanup	2	6/25/2015
Thurston	10110	66969124	MCMAHANS FURNITURE	Olympia	98501	Cleanup Started	3	2/14/2012
Thurston	6534	69859371	MOS MINI MART	Centralia	98531	Cleanup Started	2	8/10/2009
Thurston	6110	45376764	OLYMPIA CHEVRON - YELM HWY	Olympia	98501	Cleanup Started	3	12/26/2013
Thurston	7772	8050990	OLYMPIA CITY OF 4TH & SYLVESTER UTILITY CORRIDOR	Olympia	98501	Cleanup Started	3	8/9/2017
Thurston	8573	28161364	OLYMPIA CITY OF HERITAGE PARK	Olympia	98501	Cleanup Started	3	1/26/2015
Thurston	10884	87114236	OLYMPIA CITY OF MILLER CENTRAL	Olympia	98501	Cleanup Started	3	2/14/2012
Thurston	3899	61129672	OLYMPIA CITY PUBLIC WORKS 7TH AVE	Olympia	98501	Awaiting Cleanup	5	8/1/2005

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Thurston	3608	31651436	OLYMPIA CITY SEWER PUMP STATION	Olympia	98506	Cleanup Started	5	7/25/2006
Thurston	4722	1446	Olympia Dry Cleaners	Olympia	98501	Construction Complete-Performance Monitoring	2	7/16/1998
Thurston	1370	13510	OLYMPIA PORT OF TEXACO BULK STORAGE FACILITY	Olympia	98501	Awaiting Cleanup	3	8/9/2017
Thurston	8725	32728866	OLYMPIA SCHOOL DISTRICT BUS BARN	Olympia	98501	Cleanup Started	2	1/15/2013
Thurston	2362	25276751	Olympic Pipe Line Co Olympia Station	Rainier	98576	Cleanup Started	2	7/21/2003
Thurston	1284	11334	PACIFIC PRIDE MARVIN RD	Olympia	98516	Cleanup Started	2	1/25/2010
Thurston	4616	55237647	PALERMO WELLFIELD	Tumwater	98501	Tracked by EPA	0	8/19/1997
Thurston	168	1404	PATTISON LAKE EDB	Lacey	98503	Cleanup Started	2	9/10/1990
Thurston	6017	39211944	PERFORMANCE CORNER	Olympia	98506	Cleanup Started	3	8/10/2009
Thurston	2554	62357433	PHO OLYMPIA RESTAURANT UTILITY POLE	Olympia	98501	Awaiting Cleanup	5	8/8/2002
Thurston	6535	69986581	PIT STOP OLYMPIA	Olympia	98501	Cleanup Started	2	8/21/2001
Thurston	6011	38982928	PREMIER AUTO DETAIL	Olympia	98501	Cleanup Started	3	8/10/2009
Thurston	3313	6413759	PSE Blumaer Substation	Tenino	98589	Awaiting Cleanup	5	6/30/2004
Thurston	4809	1443	PUGET POWER ELD INLET SUBSTATION	Olympia	98502	Awaiting Cleanup	3	8/20/1996
Thurston	147	1394	PUGET SOUND POWER & LIGHT	Olympia	98501	Awaiting Cleanup	5	8/27/1991
Thurston	10223	70971197	PUGET SOUND POWER & LIGHT (TENINO BLUMEAR SUBSTATION)	Tenino	98589	Cleanup Started	3	8/16/2011
Thurston	691	1401	RHODES CHEMICAL CO	Rochester	98512	Awaiting Cleanup	3	8/27/1991
Thurston	726	1402	RHODES CHEMICAL CO BARN	Rochester	98512	Awaiting Cleanup	3	8/27/1991
Thurston	6317	57194911	SECURED SAFE STORAGE	Olympia	98502	Cleanup Started	3	11/20/2015
Thurston	4228	94656838	SOLID WOOD INC	Olympia	98502	Cleanup Started	2	6/11/2008
Thurston	1502	38893366	STOP N GO	Olympia	98501	Cleanup Started	3	12/14/2006
Thurston	8950	37814287	SUMMIT LAKE BP	Olympia	98502	Cleanup Started	2	2/14/2012
Thurston	5323	3567929	Taco Bell CHEVRON 96801	Lacey	98503	Cleanup Started	2	5/6/2015
Thurston	2324	24971643	Tacoma Smelter Plume Thurston County	Area Wide	98516	Cleanup Started	0	8/20/2009
Thurston	6636	75957582	TANGLEWILDE CHEVRON	Olympia	98516	Cleanup Started	3	1/15/2013

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Thurston	6620	74873833	TENINO CORNER GROCERY	Tenino	98589	Cleanup Started	2	7/21/2003
Thurston	11363	99585196	TUMWATER CITY HALL OLD 2ND AVE	Tumwater	98502	Cleanup Started	3	1/9/2014
Thurston	11531	4637	TUMWATER FALLS PARK RECLAIMED WATER LINES	Tumwater	98501	Awaiting Cleanup	2	8/27/2013
Thurston	4488	99997001	UNION OIL STATION	Olympia	98502	Cleanup Started	3	1/16/2013
Thurston	5044	1439	UNOCAL SERVICE STATION 0266	Olympia	98501	Cleanup Started	3	1/25/2008
Thurston	4066	53914154	US WEST CAPITOL PEAK	Olympia	98502	Awaiting Cleanup	5	1/1/1997
Thurston	4645	6802078	VALENTINE FYRST PROPERTY	Yelm	98597	Awaiting Cleanup	5	1/19/2005
Thurston	3338	6280479	WA DNR TRIANGLE PIT	Rochester	98579	Awaiting Cleanup	4	6/30/2004
Thurston	3380	8786341	WA DNR WEBSTER NURSERY	Tumwater	98512	Cleanup Started	3	1/23/1999
Thurston	7969	12971522	WA GRANGE PARKING LOT CHEVRON	Olympia	98501	Cleanup Started	3	8/16/2011
Thurston	9320	46541472	WA ST CB&G STEAMPLANT	Olympia	98504	Cleanup Started	5	2/13/2012
Thurston	1832	19107	WA STATE DEPT INFORMATION SVCS OFFICE BLDG	Olympia	98501	Awaiting Cleanup	3	1/8/2014
Thurston	4093	1429	WAREHOUSE ONE PORT	Olympia	98501	Awaiting Cleanup	5	8/18/1999
Thurston	4807	1425	WEST OLYMPIA LANDFILL	Olympia	98502	Cleanup Started	4	10/14/1992
Thurston	11599	4470	Westfield Capital Mall Mervyns	Olympia	98502	Awaiting Cleanup	5	2/14/2012
Thurston	724	1387	Weyerhaeuser Co Box Plant	Olympia	98503	Cleanup Started	4	3/12/1991
Thurston	8012	13926362	ZITTLE'S JOHNSON POINT	Olympia	98516	Cleanup Started	3	11/20/2015
Wahkiakum	10171	68575262	WAHKIAKUM CO RD DEPT SHOP 3	Rosburg	98643	Cleanup Started	3	5/27/2014
Walla Walla	413	7848414	MUIRHEAD SALVAGE YARD	Walla Walla	99362	Awaiting Cleanup	4	12/31/2008
Walla Walla	224	4853	PACIFICORP DELL AVE	Walla Walla	99362	Awaiting Cleanup	5	8/27/2002
Walla Walla	3956	11293827	Schwerin Concaves Walla Walla	Walla Walla	99362	Cleanup Started	2	8/29/2000
Walla Walla	4121	1367331	Stubblefield Salvage Yard	Walla Walla	99362	Cleanup Started	1	8/3/2007
Walla Walla	5527	11366714	Unocal SS 0191	Walla Walla	99362	Cleanup Started	4	8/31/2016
Walla Walla	72	777	US WEST COMMUNICATIONS	Walla Walla	99362	Cleanup Started	5	8/21/2013
Walla Walla	4971	779	WA DOC WASHINGTON STATE PENITENTIARY	Walla Walla	99362	Cleanup Started	3	8/22/1995
Walla Walla	685	775	WHITMAN COLLEGE	Walla Walla	99362	Awaiting Cleanup	5	8/22/1995
Whatcom	945	2883	7-Eleven 20938	Ferndale	98248	Cleanup Started	3	7/6/2013
Whatcom	4181	59526565	A & H Auto Dismantlers	Ferndale	98248	Cleanup Started	5	7/25/2014
Whatcom	216	2881	Alaska Packers Association	Blaine	98230	Cleanup Started	3	2/6/2015

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Whatcom	3514	36261687	American Recycling & Manufacturing	Ferndale	98248	Awaiting Cleanup	3	8/2/2002
Whatcom	3545	68458243	American Wood Treaters Inc USA	Sumas	98295	Cleanup Started	4	8/22/2005
Whatcom	1443	2920	B & B Paint Bennett Drive	Bellingham	98225	Awaiting Cleanup	5	2/27/2001
Whatcom	411	7791293	BC CORP	Bellingham	98226	Awaiting Cleanup	3	8/14/2003
Whatcom	104	2900	Beacon Battery	Custer	98240	Awaiting Cleanup	5	8/29/2000
Whatcom	9769	57331434	Bellingham Public Works Old Gas Station	Bellingham	98226	Cleanup Started	5	8/21/2015
Whatcom	63	2888	Blaine Marina Inc	Blaine	98230	Cleanup Started	3	8/28/2001
Whatcom	183	1579941	Blaine Shipyard	Blaine	98230	Cleanup Started	3	8/17/2006
Whatcom	4607	2866	Brooks Manufacturing Co	Bellingham	98229	Cleanup Started	5	2/20/1996
Whatcom	1198	71836357	BURLINGTON NORTHERN RR ACME	Acme	98220	Awaiting Cleanup	4	8/14/2003
Whatcom	6089	43966326	BURLINGTON NORTHERN RR BELLINGHAM NORTH	Bellingham	98225	Cleanup Started	5	8/19/2008
Whatcom	3418	2864	Central Waterfront	Bellingham	98225	Cleanup Started	2	8/22/1995
Whatcom	6617	74761843	Chevron 91603	Bellingham	98225	Cleanup Started	4	7/8/2019
Whatcom	170	2892	Chevron Bellingham Terminal 100-1350	Bellingham	98225	Cleanup Started	2	2/17/1998
Whatcom	1315	2911	CHRIS V 8 SHOP	Custer	98240	Awaiting Cleanup	1	8/28/2001
Whatcom	5205	2927	Colony Wharf	Bellingham	98225	Cleanup Started	4	2/17/1998
Whatcom	220	2913	Cornwall Avenue Landfill	Bellingham	98225	Cleanup Started	2	8/30/1992
Whatcom	3488	49669467	DIABLO DAM	Diablo	98283	Awaiting Cleanup	5	8/14/2003
Whatcom	152	193	EDB 3 Whatcom County Area A	Lynden	98264	Construction Complete-Performance Monitoring	3	2/22/1995
Whatcom	829	2898	Georgia Pacific Airport Landfill	Bellingham	98226	Awaiting Cleanup	4	8/27/1991
Whatcom	2279	14	Georgia-Pacific West Bellingham	Bellingham	98225	Cleanup Started	5	9/10/1990
Whatcom	2373	2899	GP BIO TREATMENT LAGOON	Bellingham	98225	Awaiting Cleanup	2	9/10/1990
Whatcom	193	2922	Harris Avenue Shipyard	Bellingham	98225	Cleanup Started	2	8/22/1995
Whatcom	253	2925	HOLLY ST LANDFILL	Bellingham	98225	Construction Complete-Performance Monitoring	2	8/22/1995
Whatcom	2125	67117233	Knott Foundry	Bellingham	98225	Awaiting Cleanup	3	8/28/2001

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Whatcom	12256	19109	Kontree Apartments	Lynden	98264	Awaiting Cleanup	1	8/13/2019
Whatcom	2101	2880472	Lake Terrell Wildlife Area	Ferndale	98248	Cleanup Started	5	2/19/2009
Whatcom	102	2893	Laurel Station	Bellingham	98226	Cleanup Started	1	2/28/1992
Whatcom	1046	7551533	Little Squalicum Park	Bellingham	98225	Cleanup Started	1	2/5/2004
Whatcom	8067	14959123	LTI INC	Lynden	98264	Cleanup Started	1	8/14/2018
Whatcom	11191	95219425	Manjits Mini Mart	Bellingham	98225	Cleanup Started	5	8/8/2011
Whatcom	6607	74391823	Midway Chevron & Mini Mart	Lynden	98264	Cleanup Started	3	8/8/2011
Whatcom	887	7738468	Montgomerys Auto Wrecking	Bellingham	98226	Awaiting Cleanup	2	1/25/2007
Whatcom	1035	9961698	Mt Baker Products Inc	Bellingham	98225	Awaiting Cleanup	4	2/8/2002
Whatcom	2611	31548623	Northwest Fuel Co	Bellingham	98225	Cleanup Started	3	8/19/2008
Whatcom	173	2917	Northwest Pipeline Bellingham 2	Sumas	98295	Awaiting Cleanup	5	2/27/2001
Whatcom	3838	2878	Northwest Pipeline GP Sumas C/S	Sumas	98295	Cleanup Started	3	2/27/2001
Whatcom	650	195	NW Transformer Harkness	Everson	98247	Tracked by EPA	0	2/22/1995
Whatcom	619	194	NW TRANSFORMER MISSION POLE	Everson	98247	Tracked by EPA	0	9/10/1990
Whatcom	3926	2861	OESER CO	Bellingham	98225	Tracked by EPA	0	8/27/1991
Whatcom	174	2928	Olivine Corp Hilton Ave	Bellingham	98225	Cleanup Started	3	2/17/1998
Whatcom	4608	2879	Olivine Incinerator Facility	Bellingham	98226	Awaiting Cleanup	3	8/2/2002
Whatcom	4044	21797146	ONeil Property	Blaine	98230	Awaiting Cleanup	3	8/17/2006
Whatcom	9965	63414232	PAISANO PIZZA	Deming	98244	Cleanup Started	5	8/9/2011
Whatcom	4780	2102240	Price Cutter Cleaners	Bellingham	98226	Cleanup Started	5	1/23/2009
Whatcom	3928	2870	RG Haley International	Bellingham	98227	Cleanup Started	3	8/25/1992
Whatcom	4562	2103926	Roeder Ave Inactive Tank Farm	Bellingham	98225	Awaiting Cleanup	3	8/19/2008
Whatcom	2525	3217596	SEATTLE CITY LIGHT LINE SHACK	Newhalem	98283	Awaiting Cleanup	5	8/8/2011
Whatcom	598	19292573	Slater Rd Car Crushing	Bellingham	98226	Awaiting Cleanup	3	1/24/2003
Whatcom	4606	2865	South State Street MGP	Bellingham	98226	Cleanup Started	1	8/27/1991
Whatcom	2221	7083381	Star Road Property	Ferndale	98248	Awaiting Cleanup	3	8/19/2008
Whatcom	7693	6272758	Starvin Sams 2	Bellingham	98226	Cleanup Started	5	4/30/2015
Whatcom	9629	54227486	Starvin Sams ARCO 8	Bellingham	98226	Cleanup Started	3	5/1/2015
Whatcom	8014	13938973	State Street Bellingham	Bellingham	98225	Cleanup Started	5	5/1/2015
Whatcom	828	2897	Sunshine Cleaners	Bellingham	98226	Cleanup Started	2	8/25/1992
Whatcom	11325	98716497	Tank n Tote	Blaine	98230	Cleanup Started	5	8/8/2011

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Whatcom	169	2885	Thompson Property	Bellingham	98225	Awaiting Cleanup	5	8/28/2001
Whatcom	4510	2877	Tollycraft Yachts Corp	Bellingham	98225	Awaiting Cleanup	2	8/25/1992
Whatcom	2265	62351534	Town & Country Cleaners Bellingham	Bellingham	98225	Cleanup Started	2	1/24/2020
Whatcom	950	2919	Treoil Industries	Ferndale	98248	Awaiting Cleanup	2	2/27/2001
Whatcom	9532	52229743	WA DOT Mt Shuksan Maintenance	Glacier	98244	Cleanup Started	5	2/5/2015
Whatcom	5378	5738775	WA DOT Parcel 114702	Bellingham	98226	Cleanup Started	2	8/6/2007
Whatcom	1785	29583133	Weldcraft Steel & Marine	Bellingham	98225	Cleanup Started	1	2/12/2002
Whatcom	2205	66519819	Westman Marine Inc	Blaine	98230	Cleanup Started	1	2/24/2004
Whatcom	41	2891	Whatcom County Public Works G1 Yard	Bellingham	98226	Cleanup Started	3	8/22/1995
Whatcom	219	2899	Whatcom Waterway	Bellingham	98225	Cleanup Started	1	8/30/1991
Whatcom	947	2901	Wilder Landfill	Ferndale	98248	Cleanup Started	1	8/15/1990
Whatcom	4229	94899685	Y Road Landfills	Bellingham	98226	Awaiting Cleanup	3	2/2/2005
Whatcom	6248	54298892	Yorkston Oil Bellingham	Bellingham	98225	Cleanup Started	5	8/6/2007
Whitman	14553	75237695	Chevron Bulk Storage Facility Pullman	Pullman	99163	Cleanup Started	3	8/18/1998
Whitman	1335	9768	Crop Production Services Inc St John	Saint John	99171	Awaiting Cleanup	3	2/18/2000
Whitman	1466	2932388	Dusty Farm Cooperative	Dusty	99143	Cleanup Started	3	3/26/2002
Whitman	4974	789	ENDICOTT SCHOOL DIST	Endicott	99125	Cleanup Started	4	8/27/1991
Whitman	8	788	GARFIELD SCHOOL DISTRICT 302	Garfield	99130	Construction Complete- Performance Monitoring	3	8/27/1991
Whitman	689	807	INLAND POWER & LIGHT SPILL	Colfax	99111	Awaiting Cleanup	3	2/16/1999
Whitman	11182	94963786	LACROSSE SCHOOL DISTRICT	Hay	99136	Cleanup Started	5	4/17/2017
Whitman	11557	21984243	NORTH COLFAX PETROLEUM CONTAMINATION SITE	Colfax	99111	Cleanup Started	3	8/3/2007
Whitman	4973	787	PALOUSE PRODUCERS	Palouse	99161	Construction Complete- Performance Monitoring	1	8/27/1991
Whitman	11156	94628417	SR 195 WIDENING PROJECT	Colfax	99111	Cleanup Started	5	8/7/2015
Whitman	50	801	UPRR TEKOA LINE SEGMENT 2	Tekoa	99033	Awaiting Cleanup	4	8/31/1999
Whitman	26	802	UPRR TEKOA LINE SEGMENT 3	Tekoa	99033	Awaiting Cleanup	5	8/31/1999



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Whitman	919	803	UPRR TEKOA LINE SEGMENT 4	Garfield	99130	Awaiting Cleanup	5	8/31/1999
Whitman	787	804	UPRR TEKOA LINE SEGMENT 5	Garfield	99130	Awaiting Cleanup	4	8/31/1999
Whitman	1296	805	UPRR TEKOA LINE SEGMENT 6	Colfax	99111	Awaiting Cleanup	4	8/31/1999
Whitman	816	808	WA WSU Fulmer Hall Crawlspace	Pullman	99164	Awaiting Cleanup	5	8/18/1998
Whitman	785	786	WA WSU LANDFILL	Pullman	99164	Awaiting Cleanup	4	8/31/1990
Whitman	786	797	WA WSU POWER PLANT OIL BULKING	Pullman	99164	Cleanup Started	2	8/22/1995
Whitman	75	809	WA WSU ROAD PAINT SHOP	Pullman	99164	Cleanup Started	3	2/16/1999
Whitman	688	793	WA WSU SCRAP METAL YARD	Pullman	99164	Cleanup Started	2	8/22/1995
Yakima	4263	22625296	201 W YAKIMA AVE	Yakima	98902	Cleanup Started	5	8/28/2001
Yakima	3639	479	Agri-Tech Yakima Steel Fabricators	Yakima	98903	Cleanup Started	2	7/31/1991
Yakima	4931	511	Alders Chevron	Yakima	98901	Cleanup Started	2	9/7/1993
Yakima	882	3464749	Apple Valley Elementary School	Yakima	98908	Construction Complete-Performance Monitoring	3	1/31/2006
Yakima	1470	5075703	Barge Lincoln Elementary School	Yakima	98901	Construction Complete-Performance Monitoring	3	1/3/2007
Yakima	4361	476	BAY CHEMICAL	Yakima	98901	Construction Complete-Performance Monitoring	2	8/27/1991
Yakima	4444	17964725	Bay Zinc Co Inc	Moxee	98936	Construction Complete-Performance Monitoring	2	8/1/2002
Yakima	3641	504	Bee Jay Scales	Sunnyside	98944	Cleanup Started	1	2/25/1992
Yakima	2564	92688321	Bissell Distributing	Yakima	98902	Cleanup Started	5	8/28/2001
Yakima	6304	56531667	Bleyhl Farm Service Sunnyside	Sunnyside	98944	Cleanup Started	3	7/19/2004
Yakima	5800	27377292	Buena Labor Camp	Buena	98921	Cleanup Started	2	7/29/2013
Yakima	3124	4275364	Bush Property	Yakima	98901	Cleanup Started	5	7/31/1999
Yakima	4359	458	Cameron Yakima Inc	Yakima	98901	Construction Complete-Performance Monitoring	1	8/27/1991

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Yakima	4925	492	CASCADE NATURAL GAS	Sunnyside	98944	Cleanup Started	1	8/27/1991
Yakima	4936	526	Circle L	Sunnyside	98944	Cleanup Started	1	3/9/1993
Yakima	3627	451	Cliffs Battery Service	Sunnyside	98944	Cleanup Started	4	2/25/1992
Yakima	3248	459	CMX Corp	Yakima	98902	Cleanup Complete- Active O&M/Monitoring	3	8/27/1991
Yakima	7019	498	Consolidated Freightways	Yakima	98901	Cleanup Started	4	3/12/1991
Yakima	1253	10045	Eglet Surplus	Zillah	98953	Awaiting Cleanup	4	3/25/1996
Yakima	1941	554	Fifth Wheel Truck Repair	Yakima	98901	Cleanup Started	3	10/16/1996
Yakima	2677	102	FMC YAKIMA	Yakima	98903	Tracked by EPA	0	9/10/1990
Yakima	4194	444	Frank Wear Cleaners	Yakima	98902	Cleanup Started	1	8/27/1991
Yakima	5297	2774629	Fred Dills Property	Buena	98921	Cleanup Started	2	7/29/2013
Yakima	5778	25977617	Fry Building	Sunnyside	98944	Awaiting Cleanup	3	7/19/2004
Yakima	7073	26981244	Gearjammer Truck Plaza	Union Gap	98903	Cleanup Started	5	12/26/2002
Yakima	5818	28575673	Gold Nugget Market	Buena	98921	Cleanup Started	5	9/7/1993
Yakima	4930	510	Haas Fruit Whse	Yakima	98903	Cleanup Started	5	8/23/2006
Yakima	4927	502	Hahn Motor Company	Yakima	98901	Cleanup Started	3	3/12/1991
Yakima	415	9465028	Hoover Elementary School	Yakima	98902	Construction Complete- Performance Monitoring	3	1/3/2007
Yakima	3853	1927	Interstate 82 Exit 33A Yakima City Landfill	Yakima	98901	Cleanup Started	5	8/19/1997
Yakima	4918	468	Johnnys Texaco	Sunnyside	98944	Cleanup Started	4	9/10/1990
Yakima	4921	473	Kelloggs Korner	Sunnyside	98944	Cleanup Started	1	8/27/1991
Yakima	2347	535	Kelly Oil	Yakima	98901	Awaiting Cleanup	3	9/7/1993
Yakima	1596	533	Kershaw Orchard	Gleed/Yakima	98901	Awaiting Cleanup	5	2/21/1995
Yakima	4924	491	La Rosita Bakery	Sunnyside	98944	Cleanup Started	2	8/27/1991
Yakima	3667	470	Manhole 34	Sunnyside	98944	Cleanup Started	1	3/12/1991
Yakima	6057	42788675	MOXEE POTW	Moxee	98936	Cleanup Started	3	6/11/2013
Yakima	3759	494	Northwest Truck Repair & Salvage Inc	Union Gap	98903	Cleanup Started	3	8/27/1991
Yakima	1666	54181479	Northwestern Fruit & Produce	Selah	98942	Awaiting Cleanup	5	2/20/2008
Yakima	3400	484	NU WAY Cleaners Yakima	Yakima	98901	Cleanup Complete- Active O&M/Monitoring	1	8/27/1991

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Yakima	4933	520	Pik A Pop 11	Sunnyside	98944	Cleanup Started	3	3/9/1993
Yakima	4928	505	Pit Stop Naches	Naches	98937	Cleanup Started	3	2/25/1992
Yakima	3754	455	RAINIER PLASTICS CO	Yakima	98902	Awaiting Cleanup	3	8/27/1991
Yakima	1938	529	Residence Chambers	Yakima	98903	Awaiting Cleanup	3	2/20/1996
Yakima	4938	534	Roza Irrigation District	Sunnyside	98944	Cleanup Started	3	9/3/1993
Yakima	3640	497	Selah Dump	Selah	98942	Awaiting Cleanup	3	8/27/1991
Yakima	5314	3257529	Sharps Automotive Service	Moxee	98936	Cleanup Started	3	7/31/2012
Yakima	3402	501	SNIPES MOUNTAIN LANDFILL	Outlook	98938	Cleanup Started	4	8/27/1991
Yakima	3397	465	SUNNYSIDE MUNICIPAL WELL	Sunnyside	98944	Awaiting Cleanup	3	8/28/1990
Yakima	4358	457	Terrace Heights Landfill Pesticide Dump	Yakima	98901	Cleanup Started	4	2/21/1995
Yakima	7020	514	Texaco Bulk Plant	Grandview	98930	Cleanup Started	2	3/8/1994
Yakima	4919	469	Tiger Oil 24th Ave & W Nob Hill	Yakima	98902	Cleanup Started	1	8/27/1991
Yakima	4922	477	Tiger Oil N 1st St Fmr 6013	Yakima	98902	Cleanup Started	3	8/27/1991
Yakima	1597	548	TONYS AUTO REPAIR	Yakima	98901	Awaiting Cleanup	1	6/29/1996
Yakima	2625	53365837	UNOCAL 76	Yakima	98902	Cleanup Started	2	2/29/2000
Yakima	1907	539	Unocal Bulk Plant 0766	Sunnyside	98944	Cleanup Started	1	3/8/1994
Yakima	2301	105	US ARMY Yakima Training Center	Yakima	98901	Construction Complete- Performance Monitoring	2	8/22/1995
Yakima	3401	499	Valley Dry Cleaners	Sunnyside	98944	Awaiting Cleanup	2	2/25/1992
Yakima	4381	95421291	Valley Junk	Yakima	98901	Cleanup Started	3	7/31/1999
Yakima	4942	541	WA DOT UNION GAP DISTRICT SITE	Union Gap	98903	Cleanup Started	3	3/8/1994
Yakima	865	569290	Whitney Elementary School	Yakima	98908	Awaiting Cleanup	3	1/3/2007
Yakima	2251	3227646	Wilson Middle School	Yakima	98908	Awaiting Cleanup	3	1/3/2007
Yakima	5993	38245986	Yakima Gull 1614	Yakima	98902	Awaiting Cleanup	3	2/27/2001
Yakima	3666	463	Yakima Old City Landfill	Yakima	98901	Awaiting Cleanup	5	8/19/1997
Yakima	3664	445	Yakima Valley Spray	Yakima	98901	Cleanup Complete- Active O&M/Monitoring	1	8/27/1990
Yakima	3628	464	Zwight Logging	Yakima	98901	Awaiting Cleanup	3	8/27/1991