

Lower Duwamish Cleanup Sites Update



Photo by John Monnat.

CONTACTS & INFORMATION

Public Involvement

Coordinator:

Amy White

Amelia.White@ecy.wa.gov

425-649-7052

For more information about site cleanups and source control, visit our website:

http://www.ecy.wa.gov/programs/tcp/sites_brochure/lower_duwamish/lower_duwamish_hp.html

Join our email list for regular updates!

<https://listserv.wa.gov/cgi-bin/wa?A0=DUWAMISH-RIVER-UPDATES>

FSID # 42927743

CSID # 1643

Cleaning up contaminated sites to reduce pollution of the Lower Duwamish Waterway

Ecology is leading the effort to clean up sources of contamination from the land area surrounding the Lower Duwamish Waterway (LDW) Superfund Site.

This is part of our commitment to source control – finding the sources and extent of contamination, then taking actions to stop or reduce them before they reach the LDW (river). We must control these sources of pollution sufficiently before EPA can start their cleanup of the river sediments.

Cleaning up contaminated sites is a key part of source control. Source control also includes a variety of other actions, such as business inspections, site investigation and cleanup, controlling stormwater runoff, coordination between agencies, and education.

Contaminants in the soil and groundwater in the land area around the river pose a risk to human health and the environment. They can find their way into the river through groundwater discharges, storm runoff, erosion and other pathways.

Source control is crucial to the success of EPA's in-waterway cleanup. The long-term goal is to minimize recontamination of the river sediment and restore water quality in the river.

We are making progress!

Ecology is actively managing 21 sites through our formal cleanup process. Our Toxics Cleanup Program is responsible for 16 formal cleanup sites, and we plan to add several more to the list soon. Our Hazardous Waste and Toxics Reduction Program is responsible for 5 sites. Many other sites are being cleaned up under our Voluntary Cleanup Program.

This information sheet focuses on cleanup sites managed by Ecology's Toxics Cleanup Program.



2016 Source Control Strategy:

To read Ecology's Source Control Strategy, visit:

<https://fortress.wa.gov/ecy/gsp/DocViewer.ashx?did=56204>

Special accommodations:

To request ADA accommodation for disabilities, or printed materials in a format for the visually impaired, call Ecology at 360-407-7668 or visit <http://www.ecy.wa.gov/accessibility.html>.

Persons with impaired hearing may call Washington Relay Service at 711.

Persons with speech disability may call TTY at 877-833-6341.

Document review locations:

Seattle Public Library, South Park Branch

8604 Eighth Ave. S
Seattle, WA 98108

Phone: 206-615-1688

Hours: Mon-Tue, 1pm-8pm
Wed-Sat, 11am-6pm
Sun, 1pm-5pm

Ecology NW Regional Office

3190 160th Ave SE
Bellevue, WA 98008

Please call for appointment.

Phone: 425-649-7190

Hours: Mon-Fri, 8am-5pm

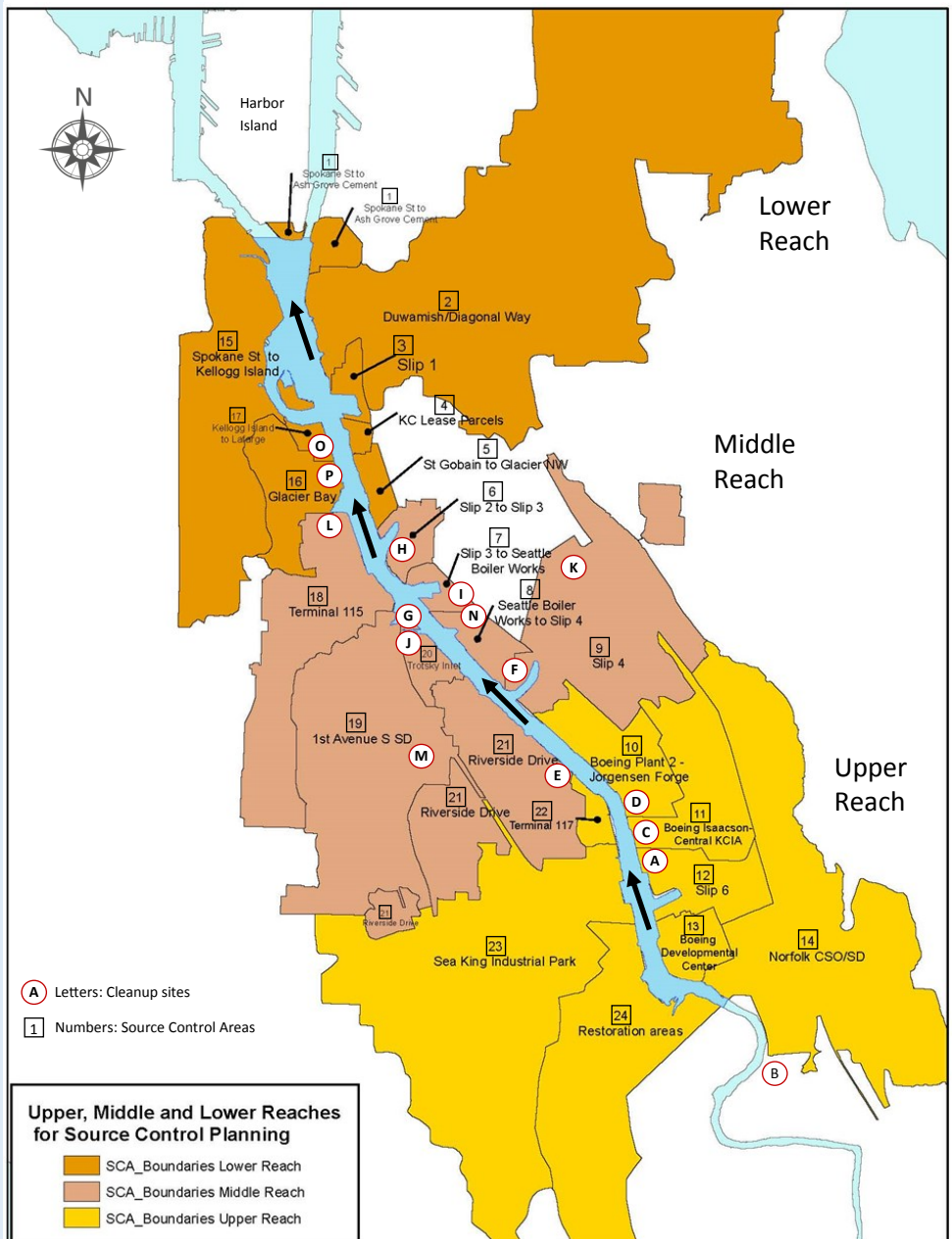
Source control proceeds from upstream to downstream

Ecology has determined the most efficient way to manage site cleanups for source control is an upstream to downstream approach. This reduces the problem of contamination from an upstream site moving into a downstream site that has already been cleaned up.

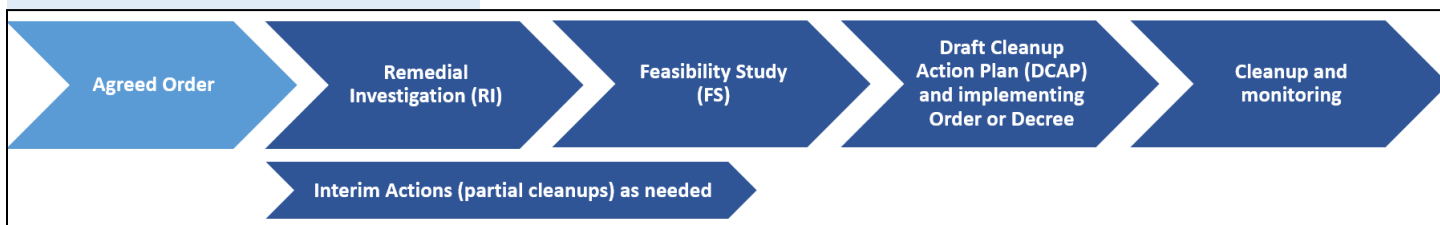
The land area around the river is divided into 24 Source Control Areas (SCAs) based on storm drainage. Contaminated sites are located within these areas.

The SCAs are grouped into Upper, Middle, and Lower Reaches. The river flows northward, so the Upper Reach (upstream) starts in Tukwila, and the Lower Reach (downstream) ends at the southern tip of Harbor Island.

While Ecology will prioritize site cleanups in the Upper Reach, we will continue to move forward with our work in the Middle and Lower Reaches.



The Cleanup Process



	Site Name	Agreed Order	Remedial Investigation	Feasibility Study	Cleanup Action Plan	Cleanup	Interim Action
UPPER	Ⓐ 8801 East Marginal Way S	2006, 2008	2011	In progress	In development		
	Ⓑ Boeing Field Chevron	2015	In progress				
	Ⓒ Boeing Isaacson Thompson	2010	2014	In progress			
	Ⓓ Jorgensen Forge	2007, 2015*	In progress				2014
	Ⓔ South Park Marina	Likely 2017					
MIDDLE	Ⓕ Crowley (8 th Avenue)	2009	In progress				
	Ⓖ Douglas Management	2011	In progress				
	Ⓗ Duwamish Marine Center	2011	In progress				
	Ⓙ Fox Avenue Building	1991, 2009	2011	2012	Agreed Order 2012	In progress	2009
	⓫ Industrial Container	2011	In progress				
	Ⓚ N Boeing Field/GT Steam Plant	2008	In progress				2011
	Ⓛ N Terminal 115	2011	In progress				
	Ⓜ South Park Landfill	2009	In progress	In progress	In development		2014, 2016
LOWER	Ⓝ Whitehead Tyee	2016	Workplan in development				Workplan in development
	Ⓟ Duwamish Shipyard	2010	In progress				
	Ⓟ Glacier Northwest	2009	In progress				

* Enforcement Order



UPPER REACH



8801 E Marginal Way S, Tukwila

8801 East Marginal Way S

Agreed Order: 2006 (sediment), 2008 (upland)

Status: Draft Feasibility Study and Cleanup Action Plan under review.

Previous uses: Truck manufacturing.

Current uses: Auction of damaged vehicles.

Contaminants of concern: Polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), volatile organic compounds (VOCs), phenols, phthalates, oil, metals.



10805 E Marginal Way S, Tukwila

Boeing Field Chevron

Agreed Order: 2015

Status: Remedial Investigation underway.

Previous uses: Service station with underground storage of gasoline.

Current uses: Service station with underground storage of gasoline.

Contaminants of concern: VOCs, oil.



8701 E Marginal Way S, Tukwila

Boeing Isaacson Thompson

Agreed Order: 2010

Status: Feasibility Study underway.

Previous uses: Aircraft manufacturing

Current uses: Aircraft manufacturing

Contaminants of concern: PCBs, PAHs, VOCs, furans, phthalates, oil, metals.



8531 E Marginal Way S, Seattle

Jorgensen Forge

Agreed Order: 2007

Enforcement Order: 2015

Status: Remedial Investigation underway.

Previous uses: Fabrication of structural steel, tractor and road equipment; manufacturing of Navy vessels; steel distribution.

Current uses: Fabricating specialized large-scale metal parts.

Contaminants of concern: PCBs, VOCs, oil, metals.

Interim Action: Removed contaminated soil from an access road area.





8604 Dallas Avenue S, Seattle

South Park Marina

Agreed Order: Expected 2017

Status: Agreed Order negotiations underway.

Previous uses: Resort and marina; drum reconditioning—cleaning and recycling of used storage drums, some of which may have contained hazardous wastes.

Current uses: Marina with boat storage and repair.

Contaminants of concern: PCBs, PAHs, VOCs, dioxins, furans, phthalates, pesticides, oil, metals.

MIDDLE REACH



7400 8th Avenue S, Seattle

Crowley Marine Services

Agreed Order: 2009

Status: Draft Remedial Investigation Report under review.

Previous uses: Manufacturing of pipe, chain, hydraulic equipment, and concrete; machinery and scrap iron storage; sawmill, lumber distribution, creosote treatment.

Current uses: Transloading—loading contaminated soils and dredge sediments from trucks and barges onto rail cars.

Contaminants of concern: PAHs, metals.



7100 1st Avenue S, Seattle

Douglas Management Dock

Agreed Order: 2009

Status: Draft Remedial Investigation Report under review.

Previous uses: Sand and gravel batch plant; school bus parking and maintenance.

Current uses: Storage of equipment and shipping containers.

Contaminants of concern: PCBs, oil, metals.



6365 1st Avenue S, Seattle

Duwamish Marine Center

Agreed Order: 2011

Status: Remedial Investigation underway.

Previous uses: Shipyard—repair and maintenance of floating vessels; junk dealer; construction services; barge shipping terminal.

Current uses: Tug and barge operations; metal fabrication.

Contaminants of concern: PCBs, PAHs, oil, metals.



6900 Fox Avenue S, Seattle

Fox Avenue Building

Agreed Order: 1991 & 2009 (investigation), 2012 (cleanup)

Status: Majority of cleanup complete.

Previous uses: Chain manufacturing; chemical and petroleum repackaging and distribution.

Current uses: Chemical distribution.

Contaminants of concern: VOCs, dioxins, furans, oil.

Interim Actions: Biotreatment to reduce contamination in groundwater.



7152 1st Avenue S, Seattle

Industrial Container Services

Agreed Order: 2010

Status: Draft Remedial Investigation Report under review.

Previous uses: Drum reconditioning—cleaning and recycling of used storage drums, some of which may have contained hazardous wastes.

Current uses: Drum reconditioning.

Contaminants of concern: PCBs, PAHs, VOCs, pesticides, oil, metals.



7370 E Marginal Way S, Seattle

North Boeing Field—Georgetown Steam Plant

Agreed Order: 2008

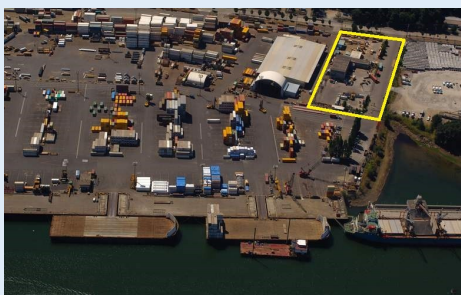
Status: Draft Remedial Investigation Report in revision.

Previous uses: Electrical power generation; aircraft manufacturing, maintenance, and research.

Current uses: Aircraft manufacturing and research; museum.

Contaminants of concern: PCBs, PAHs, oil, VOCs, semi-volatile organic compounds (SVOCs), jet fuel, metals.

Interim Actions: Contaminated soil removed around Georgetown Steam Plant, some other areas capped. Contaminated soil removed around fenceline and adjacent to the Georgetown Steam Plant fuel tank area.



8200 2nd Avenue S, Seattle

North Terminal 115

Agreed Order: 2011

Status: Remedial Investigation underway.

Previous uses: Tin reclamation.

Current uses: Lumber distribution; vehicle storage.

Contaminants of concern: PAHs, SVOCs, oil, metals.





6000 W Marginal Way SW, Seattle

South Park Landfill

Agreed Order: 2009

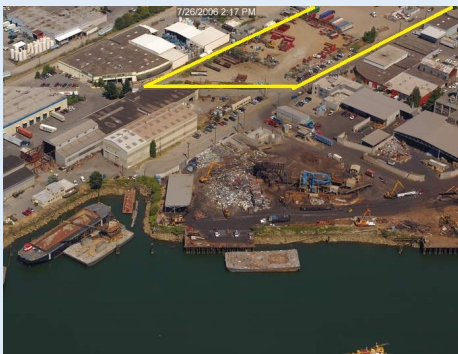
Status: Remedial Investigation/Feasibility Study, Draft Cleanup Action Plan, and Partial Consent Decree to be finalized in 2017.

Previous uses: Landfill; auto wrecking yard.

Current uses: Solid waste transfer station; school bus parking.

Contaminants of concern: VOCs, landfill gas, oil, metals.

Interim Actions: Landfill capped and systems installed for monitoring and control of landfill gas and surface water.



730 S Myrtle Street, Seattle

Whitehead Tye

Agreed Order: 2016

Status: Interim Action Workplan to be finalized in 2017.

Previous uses: Lumber finishing, refuse burning, and wood treating.

Current uses: Metal recycling.

Contaminants of concern: PCBs, PAHs, VOCs, pentachlorophenol, oil, metals.

Interim Action: Contaminated soil to be removed before installing stormwater pipes and treatment.

LOWER REACH



5658 W Marginal Way SW, Seattle

Duwamish Shipyard

Agreed Order: 2010

Status: Draft Remedial Investigation Report under review.

Previous uses: Shipyard—repair and maintenance of floating vessels.

Current uses: Storage of shipping containers; truck access.

Contaminants of concern: PCBs, PAHs, SVOCs, tributyl tin, dioxins, furans, oil, metals.



5900 W Marginal Way SW, Seattle

Glacier Northwest

Agreed Order: 2009

Status: Draft Remedial Investigation Report under review.

Previous uses: Manufacturing activated charcoal, resins, glues, sodium pentachlorophenate, pentachlorophenol.

Current uses: Cement storage and distribution.

Contaminants of concern: Pentachlorophenol, dioxins, metals.

PO Box 47600

Olympia, WA 98504-7600

Lower Duwamish Cleanup Sites Update



Información sobre la limpieza ambiental del Duwamish:

Si le gustaría obtener este documento en español, favor de comunicarse con Gretchen Newman al 360-407-6097 o preguntas@ecy.wa.gov.

Thông tin về công tác làm sạch môi trường Duwamish:

Nếu quý vị muốn nhận tài liệu này bằng tiếng Việt hoặc cần thêm thông tin, xin liên hệ ông Liêm Nguyễn: 360-407-6955, điện thư: Lngu461@ecy.wa.gov.

Want to get more involved with efforts to clean up the Duwamish River?

Contact the Duwamish River Cleanup Coalition/Technical Advisory Group at contact@duwamishcleanup.org, (206) 954-0218, or visit <http://duwamishcleanup.org/>