

# Bothell Riverside HVOC Cleanup Site



Bothell Riverside HVOC Cleanup Site

## Comments Period Information:

**Comments Accepted**  
November 21 – December 22, 2022

### Submit comments

**Online:** <https://bit.ly/Ecology-BothellHVOC-comment>

**By email:** [sunny.becker@ecy.wa.gov](mailto:sunny.becker@ecy.wa.gov)

**By phone:** (425) 457-3842

### By mail:

Sunny Becker  
Department of Ecology – TCP  
PO Box 330316  
Shoreline, WA 98133-9716

### Document review locations

**Online:** <https://bit.ly/Ecology-BothellHVOC-Info>

### City of Bothell – City Hall

18415 101<sup>st</sup> St Ave NE, Bothell

### Bothell Library

18215 98<sup>th</sup> Ave NE, Bothell

### Ecology – NW Regional Office

15700 Dayton Ave. N., Shoreline

### Site information

Facility Site ID: 93061

Site Cleanup ID: 14970

## Cleanup plans available for an additional contaminated site in downtown Bothell

The Department of Ecology (Ecology) and the City of Bothell (City) are moving forward with the cleanup of the Bothell Riverside HVOC site (Site) in the downtown Bothell area. This Site is one of six sites in the historic downtown area that have received grant funding from Ecology to help with the cost of cleanup. Last month, Ecology held a comment period for the Ultra Custom Care Cleaners site a few blocks north of this Site. The following Riverside HVOC documents are ready for public review:

### Agreed Order (AO)

A legal agreement between Ecology and the City requiring the City to investigate the contamination, share different methods for cleaning it up, and create a draft cleanup plan for Ecology’s selected cleanup method.

### Supplemental Remedial Investigation/Feasibility Study (RI/FS)

A description of the nature and extent of the contamination, evaluation of other ways to clean up the Site, and a recommendation of a preferred remedial alternative.

### Draft Cleanup Action Plan (dCAP):

A description of Ecology’s selected cleanup action and the specific cleanup standards for the Site.

## Site background

The Bothell Riverside HVOC Site is generally located at NE 180th Street & Woodinville Drive (SR 522) in Bothell WA. The Site formerly housed a strip mall, restaurants, and historic gas stations along the Sammamish River.

### One property, two cleanup sites

In 2008, the City acquired the larger triangle-shaped property as part of the Highway 522-Woodinville Drive realignment and downtown revitalization effort. This property was called the Riverside Cleanup Site. The City entered into an Agreed Order with Ecology to investigate contamination on the site and found that there were two separate contamination sites.

The property was then divided into two cleanup sites: the Riverside TPH Site and the Riverside HVOC Site.

### Riverside TPH (Total Petroleum Hydrocarbons) site

The Riverside TPH site was cleaned up by Ecology and the City of Bothell in 2017. The TPH contaminated soil was excavated and disposed of offsite at a permitted facility.

### Riverside HVOC (Halogenated Volatile Organic Compounds) site

In 2013, Ecology and the City agreed to amend the 2009 AO to allow the City to conduct an interim cleanup action to prevent the contaminants from discharging into the Sammamish River. The City installed six extraction wells to collect solvent-contaminated groundwater, treat it, and discharge it into the sanitary sewer system.

## Contamination

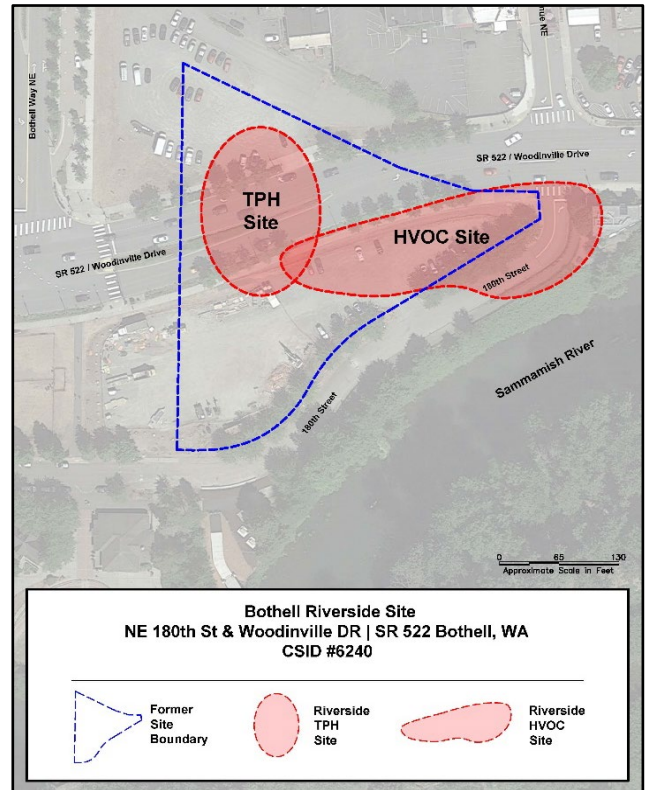
Operations at a former machine maintenance shop are believed to have caused HVOC (chlorinated solvents and their breakdown products) to enter soil and groundwater in the HVOC area at cleanup levels higher than allowed under the Model Toxics Control Act (MTCA).

## Supplemental Remedial Investigation and Feasibility Study

HVOC-impacted soil exceeding MTCA cleanup levels range from 12 to 30 feet below ground surface. HVOC-impacted groundwater exceeding MTCA cleanup levels is present at depths less than 15 feet below ground surface. Impacted soil and groundwater were found to be suitable for mass removal through soil vapor extraction and bioremediation.

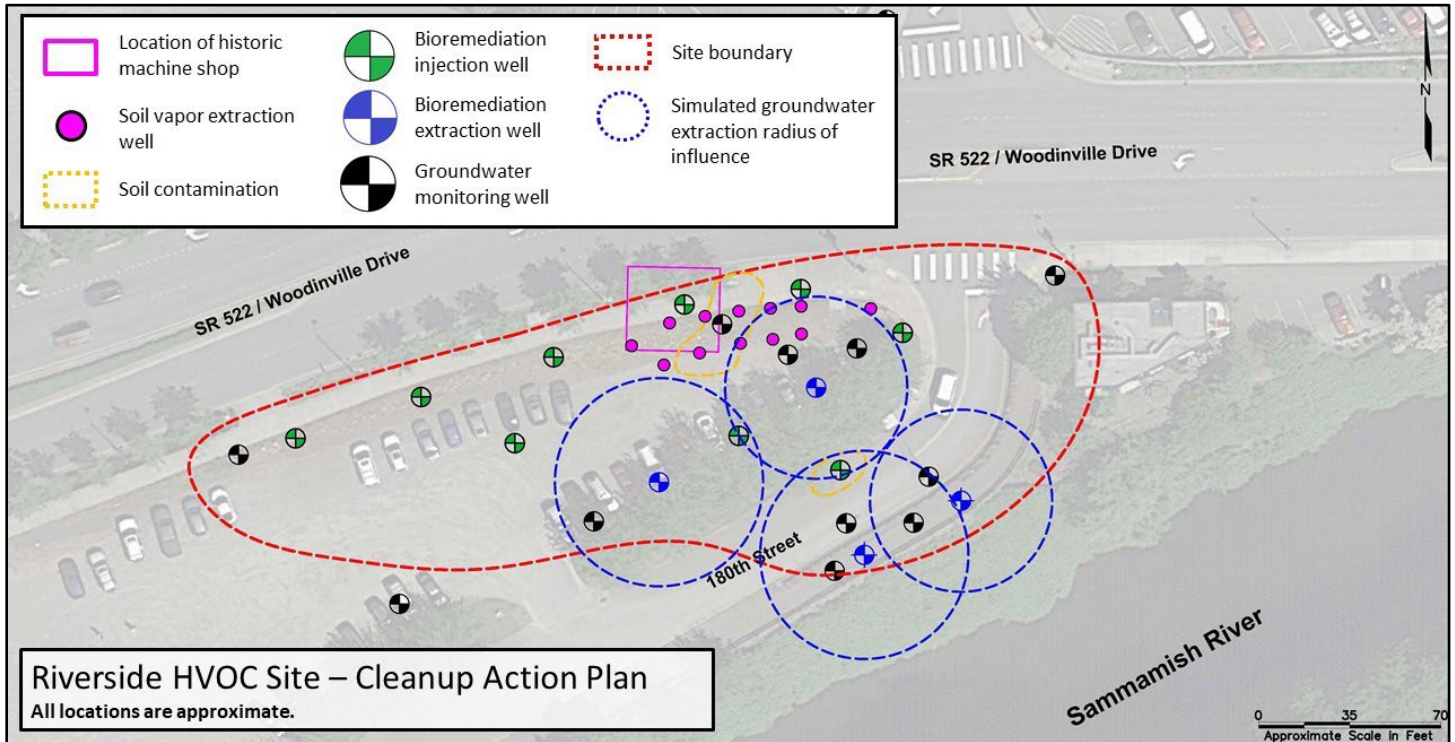
## Proposed cleanup

A soil vapor extraction system will be installed in the source area. In addition, a bioremediation and groundwater recirculation system will be installed to treat HVOC contamination in the groundwater. The contaminated groundwater will be treated and discharged back into the ground. Once the bioremediation/recirculation system is fully operational, none of the treated groundwater is anticipated to be discharged to the sanitary sewer system.



Historic Bothell Riverside site boundary and the new divided sites.





Proposed cleanup action plan for the Riverside HVOC cleanup site.

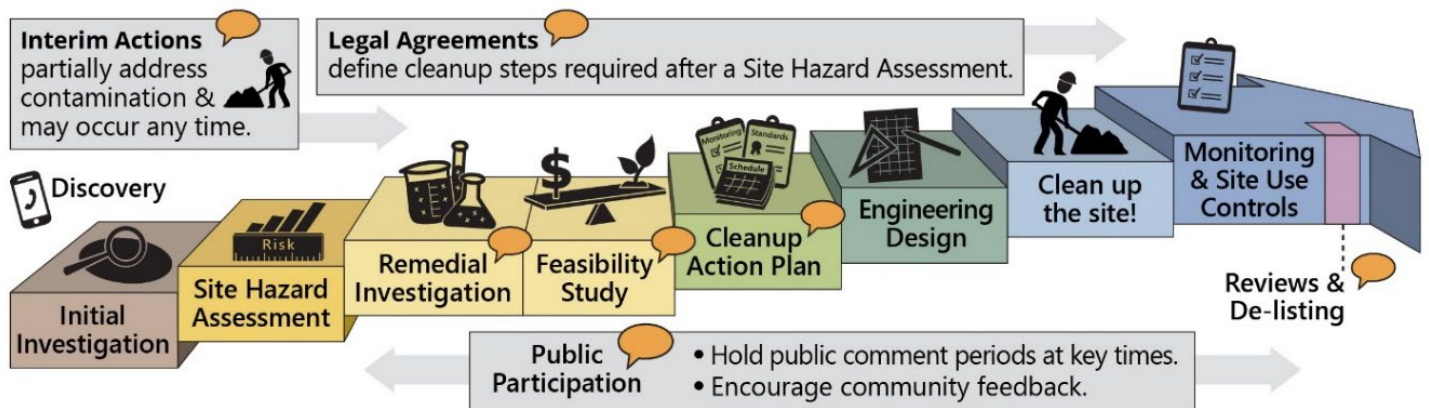
### State Environmental Policy Act (SEPA) Checklist

The City of Bothell is the lead agency for the Site’s SEPA Determination. The City has completed the SEPA checklist.

### Next steps

Ecology will consider all comments received and may amend the documents based on your comments. After that the documents will be finalized, and the final stages of cleanup will begin (see diagram below). The plan includes contingencies allowing for some actions and efforts that may arise as the work begins. If significant changes to the original plan are needed, a new draft of the plan and public comment process may be initiated.

### Washington’s formal cleanup process





Toxics Cleanup Program  
PO Box 330316  
Shoreline, WA 98133



## Bothell Riverside HVOC cleanup site

**Public Comment Period:**  
November 21 – December 22, 2022

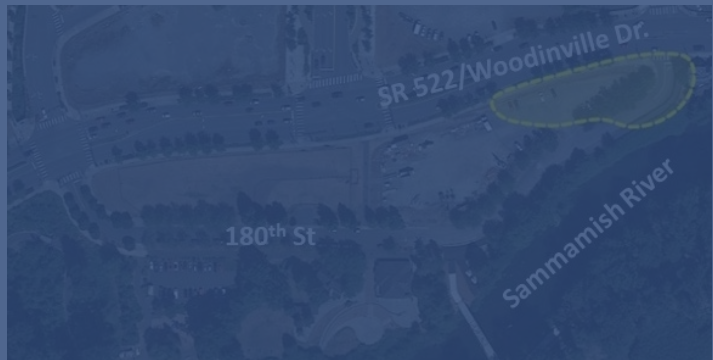
<https://bit.ly/Ecology-BothellHVOC-Info>

### Contact information

Sunny Becker  
Sunny.Becker@ecy.wa.gov  
(425) 457-3842

### ADA accessibility

To request an ADA accommodation, contact Ecology by phone at 425-229-3683 or email at [Meredith.Waldef@ecy.wa.gov](mailto:Meredith.Waldef@ecy.wa.gov), or visit [ecology.wa.gov/Accessibility](https://ecology.wa.gov/Accessibility). For Relay Service or TTY call 711 or 877-833-6341.



Bothell Riverside HVOC site location.