



DEPARTMENT OF
ECOLOGY
State of Washington

Bothell Service Center

Simon & Sons



Public Participation Plan 2017

**Northwest Region Office – Toxics Cleanup Program
3190 160th Ave SE
Bellevue, WA 98008**

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1.0 INTRODUCTION

The Washington State Department of Ecology (Ecology) has developed this public participation plan pursuant to the **Model Toxics Control Act (MTCA)**, to promote meaningful community involvement prior to implementation of remedial action at the Bothell Service Center Simon & Son site, generally located at 18107 Bothell Way NE, Bothell, WA 98011. This site is listed in Ecology's known and suspected contaminated sites list under **Facility Site number 33215922**.

This plan outlines and describes the tools and approaches that Ecology uses to inform the public about site activities and identifies opportunities for the community to become involved. This plan aims at addressing potential community concerns regarding the remedial action and defines the types of public participation activities that will take place as a part of the cleanup process. It is based on Ecology's Model Toxic's Control Act (MCTA) regulations (WAC 173-340-600 Public Participation).

Ecology is committed to an open dialogue with the community to ensure that interested parties receive information as well as provide input during the decision-making process.

Ecology and the City of Bothell have negotiated a legal agreement called a **Consent Decree** that formally describes their working relationship and outlines the scope of work. The City of Bothell will complete the remedial action outlined in the Consent Decree. The remedial action tasks at this site are to implement the preferred remedial alternative for the site under a Final Cleanup Action Plan developed previously.

Following the completion of the draft RI/FS and draft CAP, additional public involvement activities will be scheduled. The public involvement activities will be tailored based on public comments received for this site and MTCA requirements. This will include public notification and public comment period when appropriate.

2.0 SITE BACKGROUND

The Bothell Service Center property is generally located at 18107 Bothell Way NE, Bothell, WA 98011. The 0.62 acre property previously housed a one story commercial building developed in 1988 and later demolished in August 2016. The City of Bothell is the current owner of the property and a Potential Liabile Party (PLP). From approximately 1988 to 1999, a dry cleaning facility (Simon & Son Fine Drycleaning) operated in the building. Dry cleaning solvent was released during this period and traced to the former dry cleaning facility. Soil and groundwater was impacted by this release.

Under the Voluntary Cleanup Program (VCP), the City of Bothell completed a draft **Remedial Investigation** (RI), draft **Feasibility Study** (FS), and draft **Cleanup Action Plan** (DCAP) to investigate the nature and extent of contamination at the site, evaluate cleanup remedies and create a cleanup plan for the preferred remedy. Under the Consent Decree signed by Ecology and the city, the city will implement the cleanup in the final cleanup action plan.



3.0 CLEANUP ACTIONS AND SCHEDULE

The proposed cleanup will utilize Electrical Resistance heating (ERH), which involves heating soil and groundwater with electricity through electrodes in wells in the source area. The contaminated soil and groundwater are heated to a range of 80 to 100 °C (degrees centigrade), which produces steam and vapor that rise from depth carrying the contaminants which are removed by subsurface soil vapor extraction (SVE) wells. The surface is capped with asphalt and concrete.

Areas outside of the ERH treatment zone will be cleaned up via bioremediation and groundwater recirculation. Groundwater extraction wells will be installed to remove contamination in the ground water plume as well as aid in preventing further migration of the contaminant plume. The extracted groundwater will be treated at the surface, enriched with nutrients and then re-injected back into the ground using vertical or horizontal wells. Injecting nutrient-rich water will stimulate the underground microorganisms to consume the remaining PCE and its breakdown products.

Targeted soil excavations and soil vapor extraction will also be carried out at some areas at the site.

Timeline for the Remediation

The ERH treatment is anticipated to last six months, although additional time-limited adjustments may be made depending on its degree of progress. The groundwater recirculation and bioremediation is anticipated to last five years. The city hopes to finalize the consent decree by the end of the year, begin the cleanup at the beginning of 2018, and accomplish the majority of the cleanup by the end of 2018.

4.0 CHEMICALS OF CONCERN

The chemicals of concern are chlorinated solvents originally used in dry cleaning and their breakdown products:

- Tetrachloroethene (PCE)
- Trichloroethylene (TCE)
- Cis-1,2-Dichloroethene (DCE)
- Vinyl chloride (VC)

In addition to impacts in soil, there is a groundwater plume (mostly PCE) extending from the former building to the southeast, but not beyond the property based on the results of the remedial investigation.

5.0 PUBLIC PARTICIPATION ACTIVITIES AND RESPONSIBILITIES

The purpose of this Public Participation Plan is to promote public understanding and participation in the Model Toxics Control Act (MTCA) cleanup activities planned for this site. This section of the plan addresses how Ecology will share information and receive public comments and community input on the site activities.

Ecology urges the public to become involved in the cleanup process. Information will be provided regularly for opportunities to review material and provide comments. This plan is intended to be a flexible working document that will be updated as community concerns emerge and/or more information becomes available during the cleanup process.

Site Contact Information

To arrange for a briefing with project staff, ask questions, or provide comments on the plan or other aspects of the cleanup, please contact one of the persons listed below.

Technical questions, contact:

Jerome Cruz, Site Manager
Washington State Department of Ecology
3190 160th Ave S.E.
Phone: (425) 649-7094
Email:jerome.cruz@ecy.wa.gov

Community Outreach questions, contact:

Nancy Lui, Community Outreach Coordinator
Washington State Department of Ecology
3190 160th Ave S.E.
Phone: (425) 649-7117
Email:nancy.lui@ecy.wa.gov



For Questions regarding redevelopment of the cleanup sites in Downtown Bothell, please contact:

Erin Leonhart
18415 101st Ave N.E.
Bothell, WA 98011
Phone: (425) 806-6810
Email:erin.leonhart@bothellwa.gov

To obtain more information in Spanish regarding this cleanup project, please see below and reference Bothell Service Station Simon & Son Site.

Espanol

Para obtener más información en español o traducciones de otros materiales, por favor comunicarse con Gretchen Newman en 360 407-6097, o por correo electrónico a preguntas@ecy.wa.gov. Usted debe referirse al Sitio de Service Center Simon & Son de Bothell.

Americans with Disabilities Act (ADA)

To request ADA accommodation for disabilities, or printed materials in a format for the visually impaired, call Ecology at (425) 649-7117 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.

Public Involvement Activities

Ecology uses a variety of activities to facilitate public participation in the investigation and cleanup of contaminated sites. Ecology will take into consideration input provided by the community.

This list details the public involvement activities that Ecology will use, their purposes, and description of when and how they will be used during this site cleanup.

Formal Public Comment Periods

Comment periods are the primary method Ecology uses to get feedback from the public on proposed cleanup actions or decisions. Comment periods usually last 30 days and are required at key points during the investigation and evaluation of proposed cleanup process before final decision are made.

During a comment period, the public can comment in writing. At the conclusion of the comment period, Ecology reviews all comments and may respond in a document called a Responsiveness Summary. Ecology will consider the need for changes or revisions based on input from the public. If significant changes are made, then a second comment period may be held. If no significant changes are made, then the draft document(s) will be finalized.

Public Meetings and Hearings

Public meetings and hearings may be held at key points during the cleanup process. Ecology may also offer public meetings or hearing for actions expected to be of particular interest to the community and if ten or more people request during the 30-day comment period. Ecology may hold a public meeting or hearing for the purpose of taking comments on draft documents out for public comment.

Information Repositories

Information repositories are convenient places where the public can go to read and review site information. The information repositories are often at libraries or community sites, which provide public access. During the comment period, the site documents will be available for review at each repository listed below. For special accommodation or translation assistance, please call (425) 649-7117. Please indicate you would like assistance with Bothell Service Center Simon & Son Cleanup Site.

Ecology has established the following repositories:

Bothell City Hall

18415, 101st Ave NE
Bothell, WA 98011
Phone (425) 806-6100

Bothell Public Library

18215 98th Ave NE
Bothell, WA 98011
Phone: (425) 486-7811

Washington State Department of Ecology

3190 160th Ave. S.E.
Bellevue, WA 98008

Please contact Sally Perkins to schedule an appointment at (425) 649-7190 or send an email to nwro_public_request@ecy.wa.gov and reference Bothell Service Center Simon & Son
Hours: Tuesday – Thursday, 8 a.m.–Noon and 1–4:30 p.m.
Fax Number: (425) 649-4450

Bothell Service Center Simon & Son Cleanup Site Website

Ecology has a webpage for the Bothell Service Center Simon & Son Cleanup Site. This website will be updated when new information becomes available. Documents will be

available on Ecology's website.

Bothell Service Center Simon & Son Cleanup Site website address:

<https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=427>



For more information about City of Bothell Downtown area:

<http://www.bothellwa.gov/toxicscleanup>

Site Register and Public Events Calendar

Ecology's Toxics Cleanup Program uses the Site Register and web-based Public Involvement Calendar to announce all of its public meetings and comment periods as well as additional site activities.

To receive the Site Register in electronic or hard copy format, please contact Cheryl Ann Bishop at (360) 407-6848 or via email at cherylann.bishop@ecy.wa.gov. The Site Register is available on Ecology's website at: http://www.ecy.wa.gov/programs/tcp/pub_inv/pub_inv2.html

The Public Involvement Calendar is available on Ecology's website at:

<https://fortress.wa.gov/ecy/publiccalendar/>

Fact Sheet

Ecology will prepare and mail fact sheets to persons and organizations interested in the Bothell Service Center Simon & Son Site to inform them of public meetings and comment opportunities and important site activities. Ecology also may mail a fact sheet about the progress of site activities. The fact sheet will be posted on Ecology's website at: <https://fortress.wa.gov/ecy/gsp/Sitepage.aspx?csid=427>

Mailing List

Ecology has compiled and maintained a list of interested parties, organizations and residents living near the cleanup site. This mailing list will be used to provide information regarding this project. If you are not on the mailing list for this site and wish to be added or taken off the mailing list, please call (425) 649-7117 and reference Bothell Service Center Simon & Son.

Newspaper Display Ads

Ecology will place ads in the local newspaper to announce public comment periods, public meetings or hearings for this site.

6.0 PARTICIPATION GRANTS AND TECHNICAL ASSISTANCE

Additionally, citizen groups living near known or suspected contaminated sites may apply for public participation grants during open application periods. These grants may be used to provide assistance to citizens through a citizen technical advisor who helps them understand the cleanup process and creates additional avenues for public participation.

For more information about the public participation grant, please go to Ecology's website at: <http://www.ecy.wa.gov/programs/swfa/grants/ppg.html>

Ecology currently does not have a citizen technical advisor for the site.

7.0 PUBLIC PARTICIPATION PLAN AMENDMENTS

This Public Participation Plan update was developed by Ecology and complies with the Model Toxics Control Act regulations (Chapter 173-340 WAC). It will be reviewed as cleanup progresses and may be amended if necessary. Amendments may be submitted to Ecology's Site Manager Jerome Cruz for review and consideration at jerome.cruz@ecy.wa.gov or mail your request to Department of Ecology, 3190 160ths Ave SE., Bellevue, WA 98008.

APPENDIX – GLOSSARY

Cleanup: The implementation of a cleanup action, or interim action.

Cleanup Action: Any remedial action, except interim actions, taken at a site to eliminate, render less toxic, stabilize, contain, immobilize, isolate, treat, destroy, or remove a hazardous substance that complies with WAC 173-340-350 through 173-340- 390.

Chemicals of Concern (COCs): Hazardous substances that are of particular concern at this site.

Comment Period: A time period during which the public can review and comment on various documents and proposed actions. For example, a comment period may be provided to allow community members to review and comment on proposed cleanup action alternatives and proposed plans.

Consent Decree: A legal document approved and issued by a court which formalizes an agreement reached between the state and potentially liable persons (PLPs) on the actions needed at a site. A decree is subject to public comment. If a decree is substantially changed, an additional comment period is provided.

Contaminant: Any hazardous substance that does not occur naturally or occurs at greater than natural background levels.

Environment: Any plant, animal, natural resource, surface water (including underlying sediments), ground water, drinking water supply, land surface (including tidelands and shorelands) or subsurface strata, or ambient air within the state of Washington.

Facility: Any building, structure, installation, equipment, pipe or pipeline (including any pipe into a sewer or publicly-owned treatment works), well, pit, pond, lagoon, impoundment, ditch, landfill, storage container, motor vehicle, rolling stock, vessel, or aircraft; or any site or area where a hazardous substance, other than a consumer product in consumer use, has been deposited, stored, disposed or, placed, or otherwise come to be located.

Facility Site ID #: Site specific number assigned by Ecology for the Ecology known and suspected contaminated sites database.

Feasibility Study: The Feasibility Study takes the information from the Remedial Investigation and identifies and analyzes the cleanup alternatives available. As with the Remedial Investigation, a workplan will be prepared which describes how the study will be done.

Interim Action: Any remedial action that partially addresses the cleanup of a site. It is an action that is technically necessary to reduce a threat to human health or the environment by eliminating or substantially reducing one or more pathways for exposure to a hazardous substance at a facility; an action that corrects a problem that may become substantially worse or cost substantially more to address if the action is delayed; an action needed to provide for completion of a site hazard assessment, state remedial investigation/feasibility study, or design of a cleanup action.

Model Toxics Control Act (MTCA): Refers to RCW 70.105D approved by voters in the state of Washington in November 1988. The implementing regulation is WAC 173- 340 and was amended in 2001.

Public Participation Plan: A plan prepared under the authority of WAC 173-340-600 to encourage coordinated and effective public involvement tailored to the public's needs at a particular site.

Remedial Investigation: A Remedial Investigation is a study to define the nature, extent, and magnitude of contamination at a site. Before a remedial investigation can be conducted, a detailed workplan must be prepared which describes how the investigation work will be done.

Responsiveness Summary: A compilation of all questions and comments into a document open for public comment and their respective answers/replies by Ecology. The responsiveness summary is mailed, at a minimum, to those who provided comments, and its availability is published in the Site Register.

Site Register: Publication issued every two weeks of major activities conducted statewide related to the study and cleanup of hazardous waste sites under the Model Toxics Control Act. To receive this publication, please call (360) 407-7200.