

Draft Feasibility Study (FS) Report available for public review and comment

The Washington State Department of Ecology (Ecology) prepared this fact sheet to provide you with information about the Draft Feasibility Study Report for the Hansville Landfill Site. The Hansville Landfill is located 4.5 miles south of the community of Hansville on the northernmost reach of the Kitsap Peninsula. The Port Gamble S'Klallam Tribal property lies between the Landfill and Port Gamble Bay.

In October 1995, Ecology entered into a legal agreement called a Consent Decree with Kitsap County and Kitsap County Sanitary Landfill Inc., now known as Waste Management of Washington, Inc. The Remedial Investigation went through a public comment process in 2007 and is now complete. At this time, Kitsap County and Waste Management of Washington, Inc., have completed the following action:

- Preparation of a **Draft Feasibility Study Report** for public review, to present the results of the investigation and evaluate the cleanup alternatives.

At a later date you will have an opportunity to review the **Draft Cleanup Action Plan** and provide us your comments.

Public Comment Invited

Ecology is asking for your comments on the Draft Feasibility Study Report. Send your comments in writing to Ecology for consideration. Comments may be sent by mail or e-mail, with "Hansville Landfill site" in the subject line. Comments will be accepted through April 8, 2009.

Comments Accepted

March 9, 2009 through April 8, 2009

Submit Comments and Technical Questions to:

John Keeling- Site Manager
Washington State Department of Ecology
Northwest Regional Office - Toxics Cleanup Program
3190 160th Avenue SE., Bellevue, WA 98008
Phone: (425) 649-7052
E-mail: jkee461@ecy.wa.gov

DOCUMENT REVIEW LOCATIONS

Little Boston Library

Port Gamble S'Klallam Tribe
31980 Little Boston Road NE., Kingston, WA 98346
(360) 297-2670

Kingston Library

11212 State Highway 104, Kingston, WA 98346
(360) 297-3330

Kitsap County Public Works Annex

8600 SW Imperial Way, Port Orchard, WA 98367
(360) 337-4473 Call for an appointment

Kitsap County Administration Building

619 Division Street, Port Orchard, WA 98366
(360) 337-4830 Call for an appointment

Washington State Department of Ecology

Northwest Regional Office

3190 160th Ave SE., Bellevue, WA 98008
Call for an appointment: Sally Perkins
Phone: (425) 649-7190
Fax: (425) 649-4450

E-mail: sper461@ecy.wa.gov

Hours: Tuesday – Thursday

8:00 AM – 12:00 PM and 1:00 PM – 4:30 PM

Ecology's Toxics Cleanup Website

http://www.ecy.wa.gov/programs/tcp/sites/hansville/hansville_hp.htm

Facility Site ID #: 2605

Hansville Landfill Site

Site Background

The Hansville Landfill operated as a municipal landfill serving the northern portion of Kitsap County from about 1962 to 1989. The landfill is divided into three separate areas: a 13-acre municipal solid waste landfill; a four-acre demolition landfill that accepted construction, demolition, and land clearing wastes; and a one-third acre septage lagoon that accepted septic tank pumping waste. The remaining landfill property consists of access roads, a soil borrow area and wooded land.

All three landfill units are capped with a final cover system. In addition, an active landfill gas extraction and flaring system was installed within the municipal solid waste and demolition landfill units to control the migration of landfill gas (methane).



Feasibility Study Objectives

The purpose of the Feasibility Study is to identify cleanup alternatives analyze these alternatives, and present a selected alternative. The cleanup alternatives must meet the following requirements:

- Protect human health and the environment
- Comply with state cleanup standards and relevant and appropriate requirements.

The Feasibility Study also provides information to develop the cleanup action plan.

Feasibility Study Findings

There were seven different cleanup alternatives that were considered to meet state cleanup standards which were:

1. No action alternative
2. Natural Attenuation of Groundwater with Enhanced Monitoring and Enhanced Institutional Controls
3. Gas Extraction system enhancement
4. Air sparging
5. Groundwater pump and treat at landfill boundary
6. Groundwater pump and treat downgradient from the landfill boundary
7. Waste evacuation and off-site disposal

The proposed alternatives were then subjected to a cost benefit comparison. The selected cleanup alternative was Alternative 2, Natural Attenuation of Groundwater with Enhanced Monitoring and Enhanced Institutional Controls.

Hansville Landfill Site

Contaminants of Concern

The following hazardous substances, which exceeded a screening process in the Remedial Investigation, were assessed in the Feasibility Study (FS):

- Arsenic, copper, vinyl chloride, and zinc in surface water.
- Arsenic, bis (2-ethylhexyl) phthalate, copper, lead, manganese, nickel, nitrate, silver, zinc, and vinyl chloride in groundwater of the upper aquifer.
- Antimony, arsenic, chromium, manganese, nickel, and silver in freshwater sediment.

The highest concentrations of these hazardous substances appear next to the waste disposal areas with decreasing concentration at increasing distances from the Landfill. The engineered cover system and active landfill gas extraction and flaring system continue to function as designed as documented by ongoing field measurements. The concentration of these hazardous substances on site and offsite are stable or declining over time.

What Happens Next?

After the 30-day public comment period, Ecology will review all comments received and make recommendations for any suggested changes. If no significant changes are necessary, the Feasibility Study will be final.

A public meeting has not been scheduled at this time. However, one will be held if ten or more people request a meeting during the comment period. Please contact Nancy Lui to request a meeting at nlui461@ecy.wa.gov or at (425) 649-7117.

After the Feasibility Study is final, the Department with the aid of Kitsap County and Waste Management of Washington, Inc. will

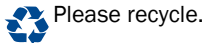
write a Cleanup Action Plan to implement the findings of the Feasibility Study. The Draft Cleanup Action Plan will detail the specifics of the cleanup. The Cleanup Action Plan will be also be subject to Public Comment.

For information about other Ecology public comment periods, meetings, hearings, workshops, and open houses, please visit Ecology's public events calendar at <http://apps.ecy.wa.gov/pubcalendar/calendar.asp> You may also read *Frequently Asked Questions about Effective Public Commenting* at this link to learn more about the public comment process.



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Bellevue, WA 98008



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**Hansville Landfill Site,
Kitsap County, WA**

Ecology Seeks Public Comment on Draft Feasibility Study Report

**Public Comment Period
March 9, 2009 - April 8, 2009**

Facility Site ID #: 2605

If you need this publication in an alternative format, call Nancy Lui at (425) 649-7117.
Persons with hearing loss, call 711 for Washington Relay Service.
Persons with speech disability call 877-833-6341.
