

HUNGRY WHALE GROCERY



Agreed Order and Cleanup Action Plan Proposed

The Washington Department of Ecology has proposed, under terms of the Model Toxics Control Act (MTCA, Chapter 70.105D RCW), an agreed order with the Port of Grays Harbor to clean up petroleum contamination at the Hungry Whale Grocery in Westport. A draft cleanup action plan has also been written describing the site cleanup alternatives. The proposed agreed order is a legal document formalizing an agreement between Ecology and the Port of Grays Harbor to ensure that proposed site cleanup activities are conducted in a timely manner, in accordance with MTCA and other applicable laws and regulations.

In addition, Ecology is recommending a determination of non-significance (DNS) under the State Environmental Policy Act (SEPA, Chapter 197-11 WAC). After review of the completed environmental checklist and other information on file, Ecology (as SEPA lead agency) has determined that this cleanup proposal will not have a probable significant adverse impact on the environment. Instead, this action should have a significant positive environmental impact by removing contamination that is present in both soil and ground water at the site.

Your comments on the agreed order, the draft cleanup action plan, and the DNS are welcome through **May 1, 1995**. The box to the right provides information

about where to review the documents, as well as where to submit comments.

Site Background

The Hungry Whale Grocery is an active service station/convenience store located at the intersection of Montesano Avenue and Wilson Street in Westport. Gasoline contamination was confirmed in October 1990 when soil samples collected from areas surrounding two underground storage tanks (USTs) which were no longer in use revealed high levels of total petroleum hydrocarbons. In March 1991, Ecology's contractor performed a tank closure at the site. One UST was closed in place by cleaning and filling it with sand and a concrete slurry. A second UST was removed. At the time of the tank closure, a thin layer of free petroleum product was found to be floating on the surface of the water that had collected in one of the tank excavations.

In November 1991, Ecology hired a contractor to perform a remedial investigation/feasibility study (RI/FS) at the site. Six monitoring wells were installed to determine the extent of contamination. Soil and ground water samples collected confirmed contamination in excess of cleanup standards for total petroleum hydrocarbons, benzene, toluene, ethylbenzene, and xylene for both soil and

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FACT SHEET

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(360) 407-6300 (voice)
(360) 407-6306 (TDD)

PUBLIC COMMENT PERIOD ON AGREED ORDER, CLEANUP ACTION PLAN, SEPA DNS:

March 29, 1995 to May 1, 1995

Written comments and requests for updates should be directed to Tammy Hall, Site Manager, at the Ecology address listed above.

INFORMATION REPOSITORIES

The agreed order, cleanup action plan, and SEPA DNS can be reviewed at the following locations:

Ecology Southwest Regional Office
address listed above

Westport City Hall
506 North Montesano Street
Westport, WA 98595
(360) 268-0131

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If you have special accommodation needs, please call (360) 407-6300 or (360) 407-6306 (TDD).

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ground water. Contaminant levels for lead exceeded ground water standards. The presence of hydraulic oil was also confirmed.

In May 1992, three additional monitoring wells were installed to further characterize the site and aid in the design of a remediation system. During this phase of investigation, the presence of floating petroleum product on the water table was discovered.

In August 1993, Ecology approached the Port of Grays Harbor to request that they take over responsibility for site cleanup. Ecology informed the Port that financial assistance was available if the Port entered into an agreed order with Ecology. The Port obtained proposals from consultants to explore other options for site cleanup other than what was evaluated and recommended in the RI/FS.

What Is Being Done?

The draft cleanup action plan lists cleanup goals for the site soil and ground water, and presents a selected cleanup remedy for the site. The selected alternative includes the following actions:

- ▶ In-situ enhanced bioremediation of soil and ground water will be performed using a closed loop process. This technology continually circulates soil vapors and ground water from peripheral wells through a pressurized bioreactor before returning the newly-cleansed vapor and ground water to the center of the contamination using a sparge well.
- ▶ Bio surfactants and nutrients will be added to the vapors and ground water that is injected into the ground. Bio surfactants will aid in the desorption of the hydrocarbons and nutrients will help speed the rate of biodegradation.

- ▶ Circulated soil vapors and ground water will be reintroduced in the center of the contaminant plume using a sparge well. These vapors will be heated and will have a high moisture content to prevent the soil from drying out. The heated air will also stimulate the bioorganisms to digest the contamination more quickly.

Ecology will oversee the project to ensure that all facets of the agreed order are fulfilled.

What Happens Next?

Public comment of the proposed agreed order and cleanup action plan will be considered and may be modified, if necessary, based on the comments received. The work required by the agreed order is expected to be completed by Fall 1997.

Ecology Wants Your Comments!

You may review and comment on the agreed order, cleanup action plan, and SEPA DNS through May 1, 1995. The public comment period presents an opportunity to have your ideas and comments heard by Ecology. The box on page one provides details about where the documents can be found and how to submit comments. To review more detailed site documents that those in the information repositories, contact Ecology's regional records center at (360) 407-6365 to schedule an appointment.

Please submit your written comments to Tammy Hall, Site Manager, at the Ecology address listed in the box on page one. Ecology will review and respond to all written comments received and revise the documents, if necessary. Updates of site activities will be provided to those who submit comments or request to be placed on the site mailing list.

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