

YELLOWSTONE PIPELINE OTIS ORCHARDS SITE



Proposed Removal From Hazardous Sites List

The Washington Department of Ecology proposes to remove the Yellowstone Pipeline Otis Orchards site from the Model Toxics Control Act Hazardous Sites List. This list contains names of sites throughout the state ranked on a scale of 1 to 5. One represents the greatest potential threat to human health and the environment. Five represents the least potential threat. This site ranked a two because of petroleum product found in soil and groundwater. The property is located at 6311 Malvern Road at Pipeline Milepost 520, Otis Orchards, Spokane County, Washington (Figure 1).

Properties may be removed from the Hazardous Sites List when cleanup standards are met. Cleanup at this site is being conducted through Ecology's Voluntary Cleanup Program. Contractors working on site cleanup submitted a Final Independent Cleanup Report in January 2003. Based on review of this report and supporting documents, Ecology has concluded:

- The site no longer represents a threat to human health and/or the environment.
- Cleanup actions conducted at the site satisfy the intent of the Model Toxics Control Act (MTCA).

- NO FURTHER ACTION is needed.

You may review documents for this site and send comments about the proposed removal to Ecology **May 23 through June 22, 2004.** The box at the right gives details about where to review documents and send comments.

Site Background

In October 1996 a pinhole sized leak in the pipeline released an unknown amount of petroleum product to soil and groundwater. The leak was discovered during a routine test of the pipeline.

Sampling activities conducted at the site from May 1997 until December 2000 confirmed petroleum product in soil and groundwater. Six holes were drilled in soil to determine the extent of contamination (Figure 2). These soil borings were then converted to groundwater monitoring wells. Petroleum products were detected in both soil and groundwater. Two additional soil borings were installed in 2000 near the leak and both detected petroleum product.

Cleanup at the site included removal of contaminated soil when the pipeline was exposed for inspection

FACT SHEET:
MAY 2004

Comments Accepted:
May 23, 2004 through
June 22, 2004.

Review Documents:
Mrs. Johnnie Landis
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Eastern Regional Office
4601 N. Monroe
Spokane, WA 99205-1295
(509) 329-3415

**Written Comments and
Technical Questions:**
Ms. Patti Carter
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Toxics Cleanup Program
4601 N. Monroe
Spokane, WA 99205-1295
Email paca461@ecy.wa.gov
(509) 329-3522 or
1-800-826-7716

**Public Involvement and
Mailing List Questions:**
Carol Bergin at Ecology toll
free at 1-800-826-7716 or in
Spokane at (509) 329-3546
Email cabe461@ecy.wa.gov

**Para Asistencia En
Español:**
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and when soil vapor extraction wells were installed. A pilot test was conducted in June 2001 to see if soil vapor extraction technology would be an effective treatment for the contamination. The treatment technology created a vacuum to pull petroleum vapors from the soil. Once these vapors were removed, it would be less likely that groundwater would continue to be contaminated. However, the results of the pilot study showed the treatment was not effective. As a result of these findings, a cleanup method was chosen that required continued groundwater monitoring. The monitoring continued from 1997 through 2003. Samples collected in 2002 and 2003 showed contamination was below levels required by the state for cleanup.

How You May Be Involved

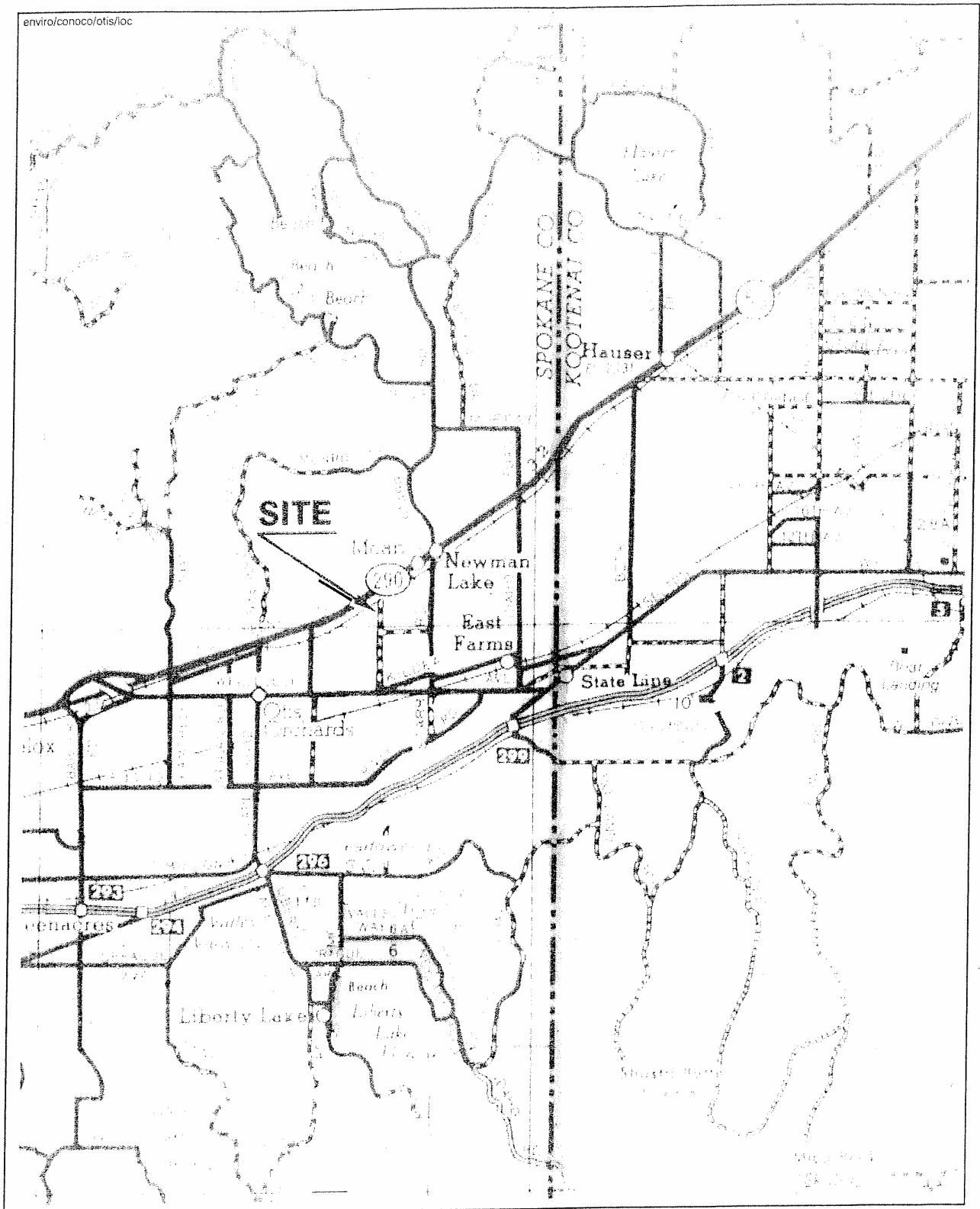
- ◆ **Review** the Final Independent Cleanup Reports and supporting documents.

To review documents at Ecology's Spokane office, contact Mrs. Johnnie Landis of Ecology at (509) 329-3415 to schedule an appointment. Reviews may be scheduled for Monday through Thursday, 8-5 p.m. by appointment.

- ◆ **Send** in your written comments **May 23, 2004 through June 22, 2004 to:** Patti Carter (see box on page one for details).
- ◆ **Share** this information with any individuals or groups you think should be informed about the Site.

What Happens Next

Ecology will review and respond to all written comments received during the comment period. All comments and the corresponding Ecology responses are put together in a Responsiveness Summary. The summary is mailed to those individuals who send in comments. You may also review the summary at the information repositories listed in the shaded box on page one. Based on the comments received, Ecology may revise the decision to remove the Site from the Hazardous Sites List.



From Spokane CitiMap, 1998

Figure 1

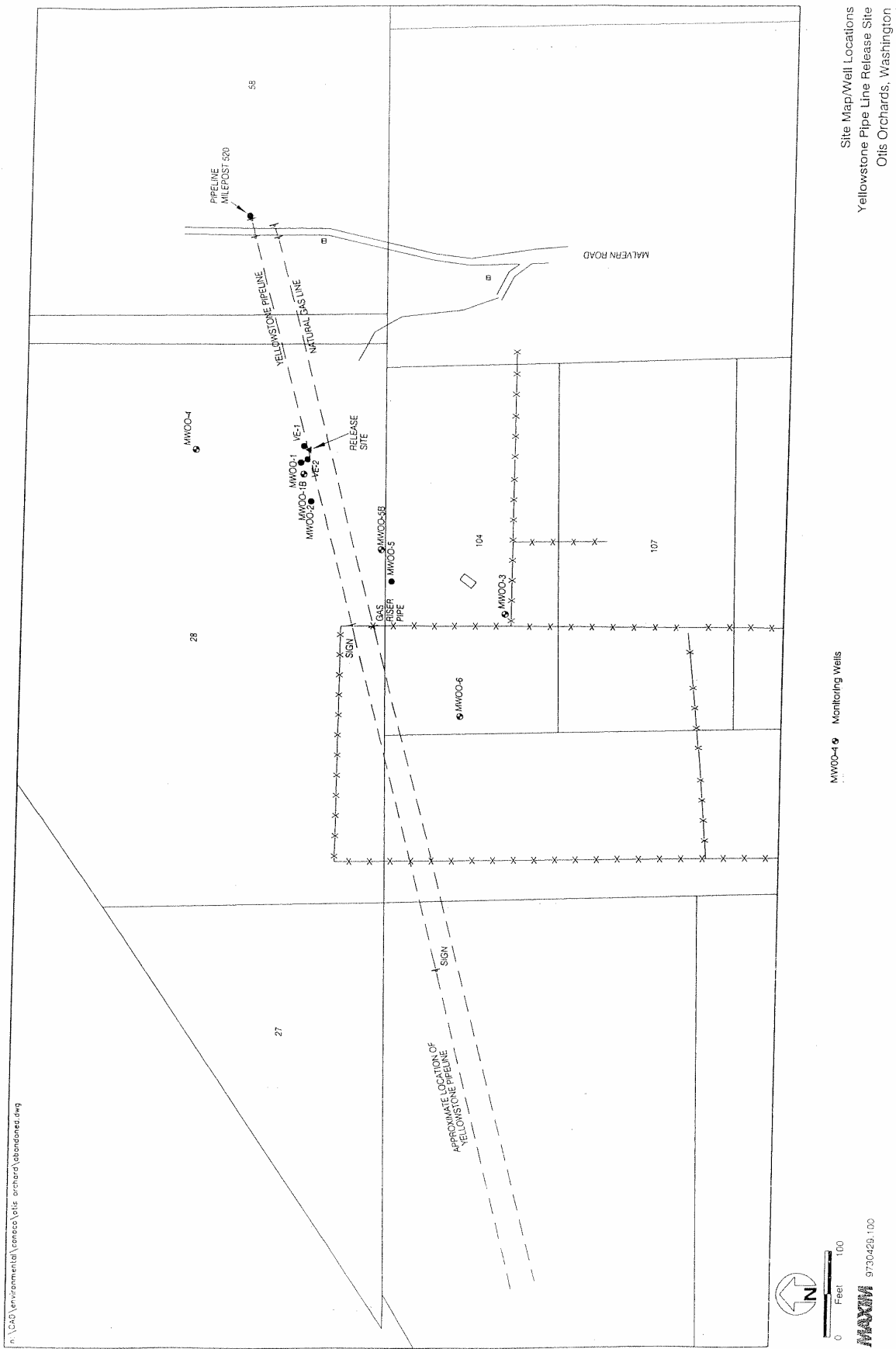


Figure 2