



Interlachen Community Fact Sheet #2

Groundwater Contamination in East Multnomah County

Technical Report EWR-3-96

Study Overview

The region of groundwater contamination in East Multnomah County is a 2.5 square mile region bounded by NE Halsey Blvd. to the Columbia River and NE 178th to NE 223rd. The groundwater contamination consists primarily of volatile organic compounds (like TCE, trichloroethylene).

The study area includes several industrial facilities which have been involved in the investigation and cleanup activities associated with the groundwater contamination. Investigations have primarily centered around Boeing of Portland, located at 19000 NE Sandy Boulevard, and Cascade Corporation, located at 2201 NE 201st Avenue, both in Troutdale, Oregon. Boeing began contamination assessment activities in 1986, after closure activities associated with a rinsate impoundment revealed excessive levels of contaminants, such as chlorinated solvents and petroleum products, in groundwater monitoring wells. Cascade initiated investigations on their property in 1988 after the decommissioning of two waste coolant underground storage tanks (USTs) revealed contamination in soil and groundwater of chlorinated solvents. Since 1993, these two companies, under a Consent Order from DEQ, have been working together to address the groundwater contamination.

Since the Interlachen community in the area of Blue and Fairview Lakes uses groundwater as a community water supply and the lakes as a recreation resource, there are concerns that the groundwater contamination could seriously affect the community by contaminating their water supply and surface water bodies (Fairview Lake, Blue Lake, Columbia Slough). The community secured an Environmental Protection Agency TAG to provide an independent review of the contamination problem facing their community and to assist the community in understanding the nature of the contamination problem. Issues of concern identified from this review will be recommended for incorporation in the Department of Environmental Quality's final Record of Decision concerning site remediation efforts. This review will help assure remediation strategies that protect groundwater and surface water for the Interlachen community will be pursued by the responsible parties.

The Interlachen neighborhood has approximately 150 households which rely on groundwater produced from three wells in the area. The three wells identified are all north of Fairview Lake:

<u>Well Name</u>	<u>Location</u>	<u>Aquifer</u>
Lachenview	east end of community	Troutdale Sandstone Aquifer (TSA)

Interlachen	center of the neighborhood	Sand and Gravel Aquifer (SGA)
West Interlachen	west end of community	Sand and Gravel Aquifer (SGA)