



Interlachen Community Fact Sheet #1

Groundwater Contamination in East Multnomah County

Technical Report EWR-3-96

Philosophy of the Panel Review

Panel Focus

- Educate the community about the nature of the contamination.
- Review and evaluate the work done by consultants and agencies for serious flaws that could jeopardize the community's water supply and surface water system.
- Make recommendations to the community to protect their water supply and surface water system.

Some questions examined

- Is there enough data to draw conclusions about the nature of contamination, its extent, and remediation efforts?
- Has the Sand & Gravel Aquifer already been contaminated and if not, how can it be prevented?
- Is the mathematical model of the groundwater hydraulics and contaminant transport a good indicator of future management scenarios? Is the model calibration reasonable? How could the model be improved to be more accurate?
- Is the geologic characterization in the model accurate? How do the confining geologic layers influence the management of the plume?
- Are the existing and proposed remediation efforts a reasonable protection to the Blue and Fairview Lake community?
- Have the risk assessments performed been appropriate and has anything been overlooked?

Products of the panel review

- A technical report summarizing the review
- Non-technical oriented facts and issues papers for the community
- A response to DEQ's Cleanup Proposal released on September 1, 1996.

The panel

- Scott A. Wells, Professor of Civil Engineering, chairperson, surface water contamination transport
- ShuGuang Li, Assistant Professor of Civil Engineering, groundwater contamination transport and modeling
- Marvin Beeson, Professor of Geology, geologic stratigraphy
- Michael Cummings, Professor of Geology, groundwater geology and geochemistry
- Richard Pratt, Professor of Environmental Sciences and Resources, environmental toxicology
- Robert Annear, Graduate Research Assistant, Department of Civil Engineering, environmental and water resources engineering, public involvement

- Karann Brandt , PRC Environmental Management, Inc., contamination assessment and risk management