

Ground Water Remediation and Monitoring

ENVIRONMENTAL CONSULTING

Walla Walla Shopping Center Associates Westpark Air Stripping Remediation System

Type of Service

- ▲ Summit Environmental staff provided environmental services to the Client in order to remediate tetrachloroethylene (PCE) and trichloroethylene (TCE) contaminated ground water at a large shopping center site in Boise, Idaho. A site assessment conducted on the undeveloped suburban farmland several years ago revealed evidence of an off-site spill which had impacted ground water on-site. A remedial plan, including a customized pump and treat system, was developed to achieve efficient site closure pursuant to state regulatory requirements.

System Information

- ▲ The system has been in operation for approximately twelve years and consists of three 40-foot extraction wells and a 300 gpm air stripping treatment tower. The corrective action monitoring network consists of 13 area monitoring wells, three pumping wells, and two sampling ports at the ground water treatment system. The system has already treated more than 750 million gallons of contaminated groundwater.

Key Project Services

- ▲ Operated and maintained the 300 gallon per minute (gpm) air stripping treatment system according to parameters of the Site Remedial Action Plan and Voluntary Consent Order from 1989 until 1996.
- ▲ Ground water gauging, ground water sampling from monitoring and extraction wells, and preparation of quarterly monitoring reports.
- ▲ Evaluation and maintenance of the air stripper system including system modifications and system efficiency.
- ▲ Complete maintenance of system including dismantling, repairing, and rebuilding the air stripping tower.

Project Location

- ▲ Boise, Idaho



Tower Modification and Reconstruction



300 gpm Air Stripping Treatment Tower