



# Oregon

Theodore R. Kulongoski, Governor

## Department of Environmental Quality

Western Region - Salem Office

750 Front St. NE, Ste. 120

Salem, OR 97301-1039

(503)378-8240

(503) 378-3684 TTY

August 5, 2009

Dennis Griffin  
State Historic Preservation Office  
725 Summer St., NE, Suite C  
Salem, OR 97301-1271

**Re: On-Site Interim Removal Action Measures**

Senz Automotive Service  
210 S. Maple  
Yamhill, Oregon 97148  
Yamhill County  
USTC # 36-88-4062  
UST Facility #273

Dear Mr. Griffin:

The Oregon Department of Environmental Quality - Leaking Underground Storage Tank Program is planning to conduct an cleanup at the Former Senz Automotive Service station site located 210 S. Maple in Yamhill, Oregon 97148, in the Southeast Quarter of the Northwest Quarter of Section 4 Township 3 South, Range 4 West - Tax Lot #2900 (see Figures 1-4). The former Senz Automotive Service facility has been a fueling facility for over 50 years. The site was an operational motor fueling underground storage tank (UST) facility (ID No. 273) until the USTs were decommissioned by removal in July 1995. After removal of the UST systems, a multi-chamber above ground storage tank (AST) was installed to dispense gasoline and diesel through the subsurface product lines previously used by the former UST systems.

This work may be funded by the American Recovery and Reinvestment Act of 2009 through DEQ's anticipated LUST Corrective Action Cooperative Agreement with the U.S. Environmental Protection Agency (EPA). If funded the EPA project officer for this funding will be Katie Griffith.

In 1988 DEQ received a report of petroleum contamination in the area of 2<sup>nd</sup> & Olive Streets. The subsequent investigations lead to the discovery of free-product (or liquid petroleum hydrocarbon - LPH) on the Senz Automotive Service site and LUST # 36 88-4062 was assigned. By July 28, 1995, four USTs and an estimated 400 cubic yards of petroleum contaminated soil had been removed. In September 1996, a site assessment identified high levels of benzene and

other constituents of potential concern dissolved in the shallow groundwater near the site's western boundary.

In November 2006, a petroleum release was reported to DEQ/OERS when gasoline was found to have impacted off-site stormwater catch basins. An estimated 4,476 gallons of gasoline were lost from the product piping between the AST and the dispensers.

The 2006 AST petroleum release occurred in the same general area as the previous UST system release. Petroleum migrated from leaking lines into the former UST tank nest and traveled off-site through the same preferential pathways impacted by the 1988 release. A fill pipe, believed to be connected to a used-oil UST was also discovered during the assessment.

While the contamination from the two releases may be "co-mingled" in some areas, the residual petroleum saturation in soil and high dissolved-phase concentrations in groundwater associated with the historic LUST release(s) are known to extend beyond the property boundary. These releases have significantly impacted several adjacent properties and the City or Yamhill storm-water system. Historic petroleum contamination was also observed over one block away during construction of the local fire station in the early 1990s.

The initial cleanup response to the 2006 release resulted in the installation of an on-site free-product collection system (trench). A very limited on-site assessment and LPH mitigation in the city storm-water system was also implemented. Further investigation has been conducted both on and off site including an area wide passive soil gas assessment, soil and groundwater probes, and an array of groundwater monitoring wells.

### **Scope of Work**

The objective of this Phase of work is to implement an on-site interim removal action measure (IRAM) to remove petroleum contaminated soil and to further delineate the extent of off-site petroleum contamination in soil and groundwater. In meeting this objective, DEQ shall oversee the following activities:

- Preparation of an IRAM/Site Investigation Work Plan describing removal actions including on-site excavation, sampling program, analytical program, quarterly groundwater monitoring program, petroleum contaminated soil (PCS) and groundwater management and disposal, site restoration, and additional off-site investigation (temporary soil probe points);
- Prepare procurement documents and procure subcontractors to implement the Work Plan;
- Conduct quarterly groundwater monitoring at the site in accordance with the Work Plan; and
- Provide technical support to DEQ to address public concerns.

### **Future tasks**

Future tasks, to be completed as Phase 2, are anticipated to include:

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- Preparation of a Corrective Action Plan (CAP) to evaluate completion of remedial actions to minimize or eliminate contamination to prevent human health exposure to petroleum contaminants; and
- Design and implement corrective actions at the site for reduction and/or elimination of risks posed to human health and the environment.

If you would like to discuss the site history, sampling activities, and any cultural issue concerns, please contact me at (503) 378-5044. Please let me know by **September 5, 2009**, if cultural resource related over-sight will be required during field activities. If you feel that this site warrants a more formal consultation process, please contact Ms. Griffith at (206) 553-2901.

Sincerely,



James L. Glass  
Environmental Specialist  
Underground Storage Tanks Program  
Western Region-Salem Office

Enc: Figure 1 – Site Location Map  
Figure 2 – Site Figure/ Areal Photo  
Figure 3 – Street View  
Figure 4 – Yamhill Co. Tax Diagram

cc: Katie Griffith  
EPA Region 10 - OCE-082  
1200 Sixth Avenue Suite 900  
Seattle, WA 98101