

To schedule a “no cost” consultation and to request a work plan and cost proposal, please call our **Portland Office** at (503) 570-9484 or our **Eugene Office** at (541) 484-9484.

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- Design and Engineering
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**RESIDENTIAL
HEATING OIL
UNDERGROUND
STORAGE TANKS
(USTS)**

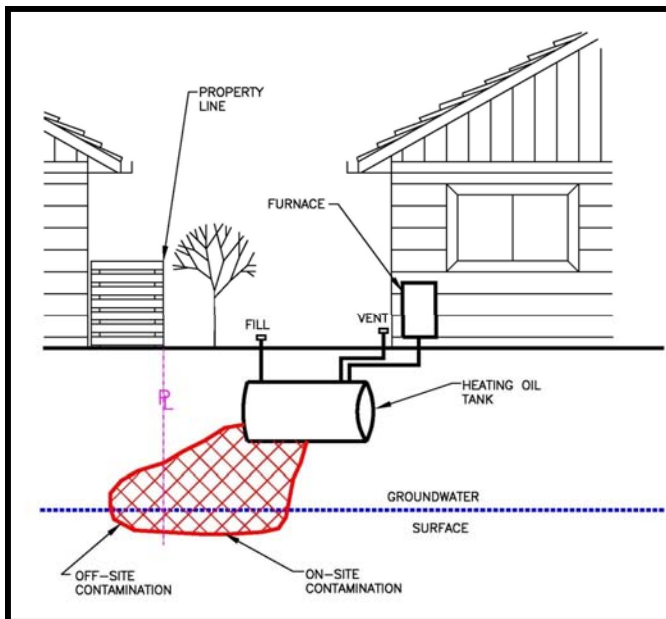


Serving commercial, industrial, residential, and public clientele throughout Oregon, southwest Washington, and northern California since 1989.

Residential Heating Oil Tank (HOT) Decommissioning and Assessment

Does the DEQ regulate residential heating oil tanks?

Heating oil underground storage tanks (USTs) are regulated by the Oregon Department of Environmental Quality (DEQ). Although the DEQ does not require that an abandoned heating oil UST be decommissioned, if the responsible party (e.g., the home owner) voluntarily decommissions the UST, the project must be undertaken in accordance with DEQ decommissioning standards and reporting requirements. If the responsible party desires DEQ approval, the Contractor Certification statement for UST Decommissioning and all applicable DEQ report forms and checklists must be submitted by the responsible party, together with a filing fee, to the DEQ. In accordance with the Oregon statutes, if a responsible party chooses not to decommission an abandoned heating oil UST, the residual heating oil present in the UST must be removed when either the property is sold or when the responsible party converts to an alternative source of heat (e.g., natural gas or electricity). Receipts of the removal and disposal of the residual heating oil must be maintained by the responsible party and provided to a prospective or future buyer of the property.

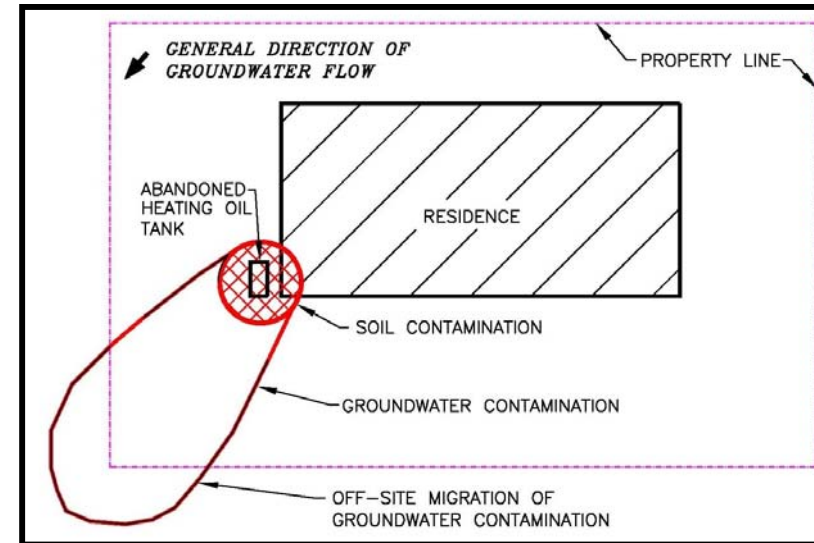


How does a release of heating oil impact soil and groundwater?

Subsurface heating oil releases are most commonly associated with corrosion resulting in holes in the UST. Spills or overfills associated with heating oil deliveries may also be a source of a release. When heating oil is released from a UST it migrates vertically until it reaches groundwater. Once the heating oil has encountered groundwater, it moves laterally following the groundwater flow direction.

When must I report a release to the DEQ?

Should there be an indication or confirmation of a subsurface release associated with either an active or abandoned heating oil UST, the responsible party is obligated to notify the DEQ within 72 hours of discovery. If a release is discovered, the responsible party must then undertake investigative and cleanup actions in accordance with DEQ regulations.



What must I do if I have a confirmed release?

DEQ regulations require determination of the magnitude (i.e., contaminant concentration) and extent (i.e., vertical and lateral) of soil and groundwater contamination. In most instances regulatory closure can be obtained after determining the magnitude and extent of contamination and through completion of a risk assessment of site conditions. A risk assessment includes an evaluation of exposure pathways (i.e., means by which a resident may be exposed to contamination such as ingestion, inhalation, or dermal contact) and human receptors. For each applicable exposure pathway, the DEQ has established risk-based concentrations (RBCs), or cleanup standards, for specific chemical compounds present in heating oil. If sample results confirm contaminant concentrations are below applicable RBCs, no further investigation or cleanup will be required. However, if sample results confirm contaminant concentrations above applicable RBCs further investigation and cleanup may be required.

A release of heating oil from a corroded residential heating oil tank impacting subsurface soil and groundwater.



Where can I find more information?

For a more complete presentation of HOT decommissioning and assessment options and requirements, a HOT slide show presentation may be downloaded at our web site at www.bbaenv.com. To schedule a "no cost" consultation and to request a work plan and cost proposal, please call our **Portland Office at (503) 570-9484** or our **Eugene Office at (541) 484-9484**.