



Oregon

Tina Kotek, Governor

Department of Environmental Quality
Western Region Eugene Office
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March 15, 2025

Calib Baldwin
USFS-Umpqua National Forest
27812 Tiller Trail Highway
Tiller, OR 97484

RE: No Further Action Determination
for Tiller Ranger Station II
LUST 10-17-1072

Dear Calib Baldwin:

The Oregon Department of Environmental Quality (DEQ) has completed a review of the available information for the Tiller Ranger Station II site, including the closure report entitled Underground Storage Tank Decommissioning Report dated November 13, 2017, which was submitted to DEQ by Vortex Geo-Environmental Consulting LLC and Western Sates Environmental Services Inc. on your behalf. The Tiller Ranger Station II address is 27812 Tiller Trail Highway, Tiller, Tax Map 3002W33A Tax Lot 01100.

DEQ has determined that remedial action to address environmental contamination at Tiller Ranger Station II is complete, and no further action is required. This determination is a result of our evaluation and judgment based on the DEQ regulations and the facts as we now understand them including the following:

- The site was utilized as a fueling station for the United States Forest Service (USFS) from 1991 to 2017 and is also used to house forest rangers on site.
- One 6000-gal gasoline underground storage tank (USTs), one 2500-gal diesel UST, associated piping, and dispenses were decommissioned by removal on August 24, 2017.
- Contamination discovered was attributed to leaks and/or spills around the fuel dispenses. No petroleum impacted soil was present below or around the USTs.
- Soil under the dispensers was tested and contaminated with diesel and gasoline range hydrocarbons.
- Approximately 1.5 cubic yards of petroleum contaminated soil was excavated and transported to Douglas County Landfill for disposal.
- Limited diesel contamination remains in the soil beneath the former fuel dispenser.
- The site is zoned commercial federal use. Based on lower levels of residual diesel, contamination is not expected to migrate offsite. Groundwater is not used for consumption in this area. According to the Oregon Health Authority, water is provided by surface water from the south Umpqua river. The South Umpqua River is approximately 430 feet from the release, northwest from former fuel dispensers. Groundwater was not encountered during the removal of the underground storage tanks, associated piping, and dispenser.
- Benzene was detected in soil exceeding the leaching to groundwater risk-based concentrations (RBCs) for residential and occupational receptors. However, this pathway is considered incomplete as

groundwater is not utilized as a supply. DEQ has concluded that it is not reasonably likely that groundwater would be used for domestic uses at this site.

- Concentrations of lube oil range hydrocarbons were detected in soil exceeding the RBCs for soil ingestion, dermal contact, and inhalation pathway for residential receptors. However, this pathway is considered incomplete as sample was taken below 3 ft below ground surface.
- The remaining low levels of soil contamination are below 3 feet so surface water impacts are not expected from runoff. Groundwater was not encountered, and soil contamination was below ecological RBCs and is not expected to affect ecological receptors of the South Umpqua River.

Based on the available information, soil conditions at Tiller Ranger Station are currently protective of public health and the environment in accordance with Oregon environmental cleanup law, Oregon Administrative Rules 340-122-0205 through 340-122-0360. The site requires no further action unless new or previously undisclosed information becomes available, or there are changes in site development or land and water uses, or more contamination is discovered. DEQ has updated the Leaking Underground Storage Tank (LUST) database to reflect this decision.

This letter only applies to the UST system release discussed above. If any contaminated media is encountered in the future, it must be handled and disposed of in accordance with local, state and federal regulations.

A copy of the Vortex Geo-Environmental Consulting LLC closure report supporting this No Further Action decision can be viewed at <https://ordeq.org/LUST10-17-1072>. DEQ recommends keeping a copy of all of the documentation associated with this remedial action with the permanent facility records. If you have any questions, please contact Rachel Long at (503) 954-8350, or via email at rachel.long@deq.oregon.gov.

Sincerely,



Anthony Chavez, Interim Manager
Western Region Cleanup Section

Attachment(s): Site Map

ec: Don Hanson don.hanson@deq.oregon.gov
ORMS LUST10-17-1072

LUST 10-17-1075

Tiller Ranger Station II



3/11/2025

Address: 27812 Tiller Trail Highway, Tiller, OR 97484



1:4,514

0 0.03 0.06 0.11 mi
0 0.04 0.09 0.17 km



Location of Leaking UST No Further Action Determination
LUST 10-17-1075 Tiller Ranger Station II



Douglas County Tax Lot Delineation

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Maxar