



# Oregon

Tina Kotek, Governor

Department of Environmental Quality

Western Region

165 East 7<sup>th</sup> Ave, Suite 100

Eugene, OR 97401

(541) 686-7838

June 17, 2024

Dale Borland  
Lane Fire Authority  
88050 Territorial Hwy  
Veneta, OR 97487

RE: No Further Action Determination  
for Alvadore F.D., Alvadore  
LUST# 20-91-4385

Dear Mr. Borland:

The Oregon Department of Environmental Quality (DEQ) has completed a review of the available information for the Alvadore F.D. site, including the closure report entitled Contamination Assessment dated June 17, 2011 which was submitted to DEQ by Omnicon Environmental Management on your behalf. The Alvadore F.D. site address is 90825 Alvadore Road, Alvadore, Tax Lot 1500, Township 17 South, Range 5 West, Section 2.

DEQ has determined that remedial action to address environmental contamination at Alvadore F.D. 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, and as more fully described in DEQ's Staff Memo dated January 12, 2024:

- The site is historically and currently used as a fire station and also houses a community library in an auxiliary building.
- The cause of contamination on site was leakage from two underground storage tanks (USTs) used for diesel and gasoline, respectively. The two USTs were decommissioned in 1991.
- Affected media includes subsurface soil on site and groundwater.
- Following decommissioning and the discovery of contamination, approximately 2000 tons of petroleum contaminated soil was removed in 1992.
- Low levels of diesel contaminated soil remain on site between 6 and 16 feet below ground. Contaminated shallow groundwater also remains beneath the site. Groundwater monitoring in 2011 and 2012 indicated diesel contamination levels in groundwater declined to below laboratory detection limits and applicable risk-based concentrations (RBCs).
- The site is zoned Rural Public Facility and is utilized in an occupational manner. Groundwater is used for drinking water on site and in the surrounding residential neighborhood. City water is not available. The majority of the site is paved and sensitive ecological environments in the area would mostly be riparian in nature and are located more than 0.3 miles from the site.
- Complete human exposure pathways include soil exposure for construction and excavation workers and leaching to groundwater for residential and occupational receptors. For groundwater applicable exposure pathways include residential and occupational tap water ingestion. Vapor intrusion into buildings and groundwater in excavation are also complete exposure pathways. However, current concentrations of contaminants are all below applicable risk-based screening levels. The only

exception is for construction worker exposure to subsurface soils. The residual soil contamination was only slightly above the screening level and the sample is from 1992, so this has likely attenuated sufficiently below acceptable risk levels.

- Diesel was detected in the on-site well in 2011, but not since then. It is possible that low levels of diesel remain in groundwater beneath parts of the site, and possibly off-site. However, DEQ determined that it is unlikely that contamination from the site would adversely impact nearby domestic wells. This is due to the nature of the contamination (diesel), not being highly mobile in groundwater, the amount of time since the detection in the on-site well, the distance of the release site to nearby wells, and the propensity of diesel to degrade relatively quickly in groundwater over time — especially because the source soils were removed many years ago.
- Nearby property owners were provided a 30-day opportunity to comment on the Staff Memo dated January 12, 2024. The comment period closed on February 22, 2024. No comments were received.

Based on the available information, soil and groundwater conditions at the Alvadore F.D. site are currently protective of public health and the environment in accordance with Oregon environmental cleanup law, ORS 465.200 et seq. and 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 will update the Leaking Underground Storage Tank (LUST) database to reflect this decision.

This letter only applies to the release(s) 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. Monitoring wells should be maintained or decommissioned in accordance with Oregon Water Resources Department regulations.

A copy of the Omnicon Environmental Management closure report and DEQ's Staff Memo supporting this No Further Action decision can be viewed at <https://ordeq.org/LUST20-91-4385>. 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 Sarah Eagle at 971-357-5275, or via email at [sarah.eagle@deq.oregon.gov](mailto:sarah.eagle@deq.oregon.gov).

Sincerely,

*Brad Shultz*

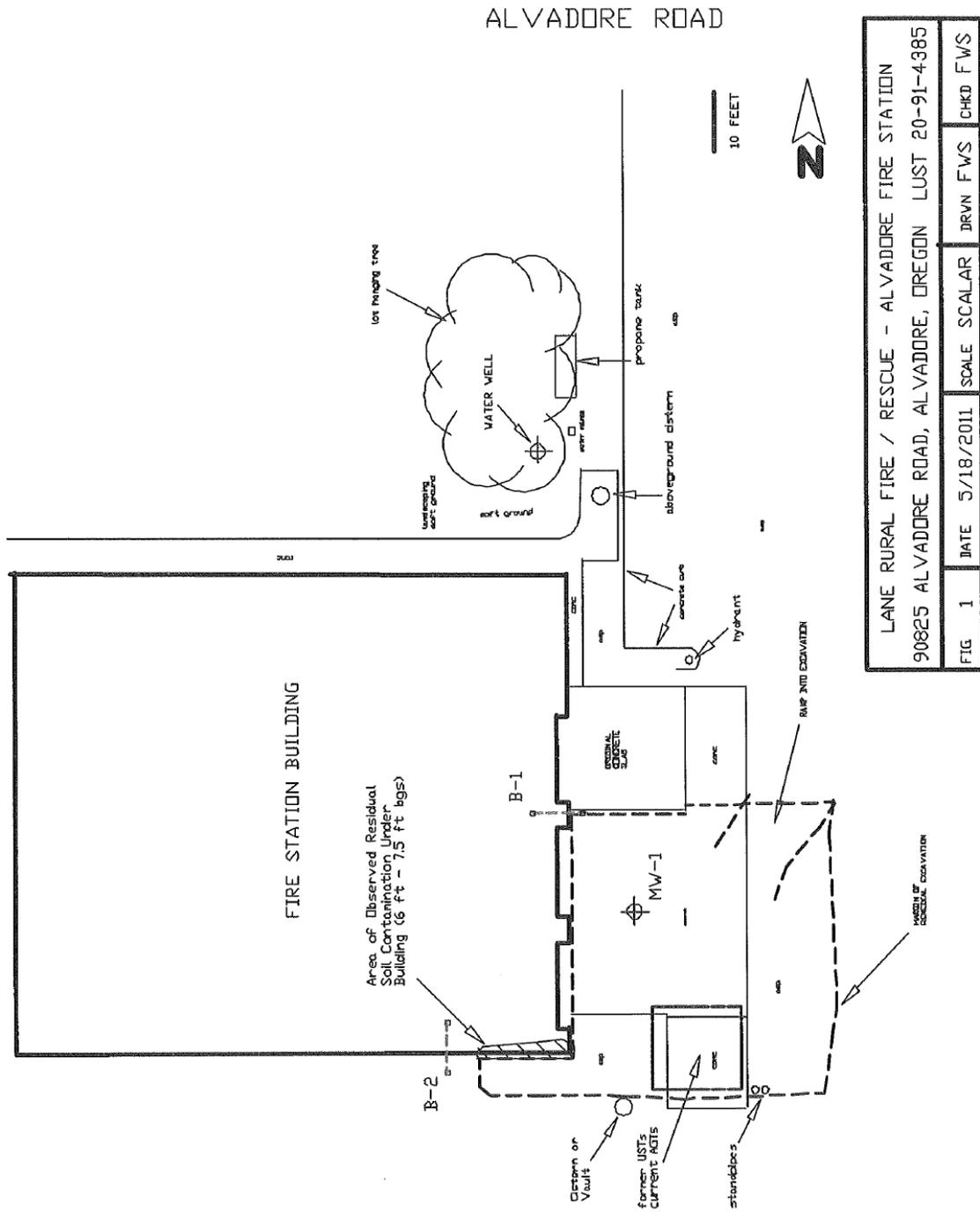
Brad Shultz, Manager  
Western Region Cleanup Section

Attachments: Vicinity Map  
Site Map

cc: Sarah Eagle, Project Manager ODEQ [sarah.eagle@deq.oregon.gov](mailto:sarah.eagle@deq.oregon.gov)  
Don Hanson, Leadworker ODEQ [don.hanson@deq.oregon.gov](mailto:don.hanson@deq.oregon.gov)  
Tommy Laird, Well Construction Program Coordinator OWRD,  
[Tommy.K.LAIRD@water.oregon.gov](mailto:Tommy.K.LAIRD@water.oregon.gov)  
LUST# 20-91-4385 File



Vicinity Map



Site Map