



Oregon

Tina Kotek, Governor

Department of Environmental Quality

Western Region

165 East 7th Ave, Suite 100

Eugene, OR 97401

(541) 686-7838

December 19, 2024

Curtis Stultz
City of Woodburn Public Works
202 Young St
Woodburn, OR 97071

RE: No Further Action Determination
for City of Woodburn WW Pump Station in Woodburn
LUST# 24-21-0252

Dear Mr. Stultz:

The Oregon Department of Environmental Quality (DEQ) has completed a review of the available information for the City of Woodburn WW Pump Station property, including the closure report entitled Underground Storage Tank Closure Report dated April 30, 2021, which was submitted to DEQ by Soil Solutions Environmental Services on your behalf. The City of Woodburn WW Pump Station address is 150 Newberg Highway, Woodburn, Tax Lot 799, Township 5 South, Range 1 West, Section 7.

DEQ has determined that remedial action to address environmental contamination at City of Woodburn WW Pump Station 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 is zoned Public Use and houses the City of Woodburn Mill Creek Wastewater Pump Station.
- The cause of contamination was leaking from a 1,700-gallon diesel underground storage tank (UST). The UST was decommissioned in 2021. It was estimated that less than 100 gallons of diesel were released.
- Affected media includes subsurface soil and groundwater. Upon excavation of the petroleum contaminated soil (PCS), a groundwater sample indicated contamination of groundwater.
- Remedial actions taken onsite include removal and disposal of the UST and associated piping, approximately 59.96 tons of petroleum contaminated soil (PCS), and an estimated 1000 gallons of impacted groundwater from the excavation basin.
- Contamination left in place includes diesel contaminated subsurface soil and low levels of diesel, toluene, ethylbenzene, and xylenes in groundwater. Groundwater samples were taken from water that infiltrated into the excavation basin. One sample was taken from the water that initially infiltrated into the excavation basin and a second sample was taken after the removal of 1000 gallons of impacted groundwater. Analytical data are provided in Table 2.
- Mill Creek is located on site and portions of the site are considered wetlands, as defined by the Local Wetlands Inventory and the National Wetlands Inventory. Shallow groundwater was observed at 4 feet bgs and likely directly connects to these aquatic environments. The creek and riparian and wetland areas would be considered sensitive ecological environments. Land use at the site and in adjacent areas is occupational in nature.

- Human and ecological exposure pathways are described in the attached Conceptual Site Model. Additionally, a beneficial use survey of groundwater in the area indicated that nearby wells were primarily for irrigation and were sufficiently deep such that shallow groundwater contamination was unlikely to impact them. Municipal drinking water is provided onsite and to adjacent properties by the City of Woodburn.
- No residual risk is expected to remain as the most recent data are all below applicable risk-based screening levels.
- No public notice was conducted due to the limited spatial scope of the release.

Based on the available information, soil and groundwater conditions at City of Woodburn WW Pump Station are currently protective of public health and the environment in accordance with 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 Your DEQ Online (YDO) database to reflect this decision.

This letter only applies to the 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 Soil Solutions Environmental Services closure report supporting this No Further Action decision can be viewed at <https://ordeq.org/LUST24-21-0252>. 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.

Sincerely,



Brad Shultz, Manager
Western Region Cleanup Section

Attachments: Table 1. Conceptual Site Model
Table 2. Analytical Data Summary
Site Map

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LUST# 24-21-0252 File

Table 1. Conceptual Site Model

	Pathway	Receptor	Is pathway complete? Is RBC Exceeded? Comments		
			Is pathway complete?	Is RBC Exceeded?	Comments
Soil	Ingestion, Dermal Contact, and Inhalation	Residential and/or Urban Residential	No	N/A	Site is not used for residential purposes at present or expected to in the future.
		Occupational	No	N/A	Contamination is greater than 3 ft bgs.
		Construction Worker	Yes	No	
		Excavation Worker	Yes	No	
	Volatilization to Outdoor Air	Residential and/or Urban residential	No	N/A	Site is not used for residential purposes at present or expected to in the future.
		Occupational	Yes	No	
	Leaching to Groundwater	Residential and/or Urban residential	No	N/A	Municipal drinking water is provided off site by the City of Woodburn.
		Occupational	No	N/A	Municipal drinking water is provided on site by the City of Woodburn.
Groundwater	Ingestion & Inhalation from Tap Water	Residential and/or Urban residential	No	N/A	Municipal drinking water is provided off site by the City of Woodburn.
		Occupational	No	N/A	Municipal drinking water is provided on site by the City of Woodburn.
	Vapor Intrusion into Buildings	Residential	No	N/A	No residential buildings on site, residential use off site exceeds 600 ft from release.
		Commercial	Yes	No	
	Groundwater in Excavation	Occupational	Yes	No	
Ecological		Terrestrial & Surface Water	Yes	No	Terrestrial receptors not applicable due to contamination being subsurface. Surface water and freshwater aquatic dependent receptors were considered. RBCs not exceeded.

Table 2. Summary of Analytical Data

Contaminant of Interest	Date of Sampling	Maximum Residual concentration	Comment
Soil			
Diesel	3/5/2021	130 mg/kg	
Residual range hydrocarbon	3/5/2021	ND ¹	
VOCs		N/A	Not analyzed in soil
Groundwater			
Diesel	3/1/2021	270 µg/L	ND ¹ in second sampling (3/10/21)
Residual range hydrocarbon	3/1/2021	ND ¹	ND ¹ in second sampling (3/10/21)
Benzene	3/1/2021	ND ¹	ND ¹ in second sampling (3/10/21)
Toluene	3/1/2021	1.8 µg/L	ND ¹ in second sampling (3/10/21)
Ethylbenzene	3/1/2021	1.2 µg/L	ND ¹ in second sampling (3/10/21)
Xylenes	3/1/2021	8.1 µg/L	ND ¹ in second sampling (3/10/21)

Notes:

¹ND-Not detected.

Site Map

