



# Filtration Facility Property and Finished Water Pipeline

Constituent Name	Filtration Water Facility Property And Raw Water Connection						
	Concentrations Detected in Soil		Chemical Risk Based Concentrations and Oregon Clean Fill Criteria Screening Level Values				
	Low	High	Oregon Clean Fill Criteria <sup>1</sup>	Residential Risk Based Concentrations	Occupational Risk Based Concentrations	Construction/Excavation Worker Risk Based Concentrations	Leaching to Groundwater Risk Based Concentrations
4-4'-DDE	0.00357	0.0586	0.01	1.8	8.2	66/1,800	7.5
4-4'-DDT	0.00473	0.0530	0.01	1.9	8.5	66/1,800	7.5
Dieldrin	0.00228	0.0366	0.0045	0.034	0.14	1.2/33	0.03
Arsenic <sup>2</sup>	<2.63	3.25	8.8	0.43/8.8	1.9/8.8	15	-
Lead	9.96	12.8	28	400	800	800	30

Constituent Name	Finished Water Pipeline Alignment No detectable concentrations of diesel, nor pesticides and herbicides other than those shown below for the Finished Water Pipeline Alignment.						
	Concentrations Detected in Soil		Chemical Risk Based Concentrations and Oregon Clean Fill Criteria Screening Level Values				
	Low	High	Oregon Clean Fill Criteria <sup>1</sup>	Residential Risk Based Concentrations	Occupational Risk Based Concentrations	Construction/Excavation Worker Risk Based Concentrations	Leaching to Groundwater Risk Based Concentrations
Heavy Oil	<36.6	195	1,100	1,100	14,000	4,600	9,500
4-4'-DDE	<0.00199	0.0731	0.01	1.8	8.2	66/1,800	7.5
4-4'-DDT	<0.00199	0.076	0.01	1.9	8.5	66/1,800	7.5
Dieldrin	<0.00197	0.0207	0.0045	0.034	0.14	1.2/33	0.03
Arsenic <sup>2</sup>	2.94	4.85	8.8	0.43/8.8	1.9/8.8	15	-

NOTES:

All concentrations in mg/kg.

Analytical data from "Clean Fill Determination Report" for the Bull run Filtration Facility, Gresham Oregon, January 2024.

-pH dependent

1 Concentrations represent Oregon Background Metals Concentrations in Soil for Portland basin.

2 Human Health clean-up values for arsenic default to background value, since risk-based value is less than background.

**Highlight** indicates high value of concentration detected in Soil exceeds applicable screening level value.

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