

OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Clackamas

Conventional or Direct Filtration

System Name: LAKE OSWEGO - TIGARD WATER SUPPLY ID#: OR4101542 WTP: A Date: December/2023

DAY	12 AM NTU	4 AM NTU	8 AM NTU	Noon NTU	4 PM NTU	8 PM NTU	Max CFE Turbidity NTU
12/01/2023	plant off	plant off	0.022	0.022	0.021	0.021	0.034
12/02/2023	plant off	plant off	0.021	0.025	0.022	0.021	0.034
12/03/2023	plant off	plant off	0.02	0.032	0.027	0.022	0.038
12/04/2023	plant off	plant off	0.021	0.026	0.022	0.039	0.046
12/05/2023	plant off	plant off	0.023	0.022	0.021	0.023	0.036
12/06/2023	plant off	plant off	0.024	0.026	0.024	0.02	0.038
12/07/2023	plant off	plant off	0.03	0.023	0.021	0.023	0.035
12/08/2023	plant off	plant off	0.026	0.023	0.022	0.021	0.029
12/09/2023	plant off	plant off	0.022	0.022	0.022	0.025	0.034
12/10/2023	plant off	plant off	0.022	0.028	0.023	0.026	0.036
12/11/2023	plant off	plant off	0.023	0.025	0.025	0.025	0.068
12/12/2023	plant off	plant off	0.021	0.023	0.023	0.022	0.037
12/13/2023	plant off	plant off	0.021	0.021	0.021	0.021	0.035
12/14/2023	plant off	plant off	0.02	0.023	0.021	0.021	0.032
12/15/2023	plant off	plant off	0.022	0.023	0.022	0.021	0.041
12/16/2023	plant off	plant off	0.02	0.02	0.022	0.021	0.031
12/17/2023	plant off	plant off	0.02	0.022	0.023	0.021	0.033
12/18/2023	plant off	plant off	0.02	0.021	0.02	0.022	0.031
12/19/2023	plant off	plant off	0.02	0.021	0.022	0.024	0.030
12/20/2023	plant off	plant off	0.02	0.021	0.021	0.026	0.029
12/21/2023	plant off	plant off	0.021	0.021	0.023	0.021	0.035
12/22/2023	plant off	plant off	0.02	0.022	0.023	0.027	0.032
12/23/2023	plant off	plant off	0.023	0.021	0.021	0.021	0.032
12/24/2023	plant off	plant off	0.024	0.022	0.022	0.025	0.031
12/25/2023	plant off	plant off	0.021	0.022	0.025	0.022	0.033
12/26/2023	plant off	plant off	0.024	0.025	0.025	0.024	0.050
12/27/2023	0.037	plant off	0.024	0.023	0.023	0.022	0.043
12/28/2023	plant off	plant off	0.026	0.022	0.022	0.021	0.029
12/29/2023	plant off	plant off	0.02	0.021	0.021	0.021	0.032
12/30/2023	plant off	plant off	0.02	0.022	0.021	0.021	0.032
12/31/2023	plant off	plant off	0.022	0.024	0.021	0.021	0.034

Conventional or Direct Filtration

95% of the 4-hour turbidity readings <=0.3 NTU? Yes / No
 All the 4-hour turbidity readings < 1 NTU? Yes / No
 All Turbidity readings < IFE triggers? Yes / No

Monthly Summary (answer Yes or No)

CT's met everyday? (see page 2) Yes / No
 All Cl2 residuals at POE always > 0.2? Yes / No

Print Name Bret Bienerth 04-Jan-24

Signature 

Phone (503) 635-0394 Cert # 08749

OHA - Drinking Water Program - Surface Water Quality Data Form - Giardia Inactivation

System Name: Lake Oswego - Tigard Water Supply	ID#: 4101542	WTP: EP-A	Date: December 2023
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Date	Min. Cl Residual @ 1st user (C)	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met?	Peak Hourly Flow
	mg/L	minutes	C x T	°C	FW	formula	Yes/No	(GPM)
12/1	1.26	107.70	135.70	5.9	7.88	34.2	Y	8,509
12/2	1.29	109.79	141.63	7.2	7.82	31.2	Y	8,347
12/3	1.26	82.86	104.40	7.4	7.85	31.1	Y	11,060
12/4	1.24	83.00	102.92	8.4	7.80	28.8	Y	11,042
12/5	1.28	109.30	139.90	9.6	7.69	25.6	Y	8,385
12/6	1.31	102.27	133.97	10.2	7.88	26.5	Y	8,961
12/7	1.31	98.87	129.52	9.8	7.89	27.3	Y	9,269
12/8	1.31	111.03	145.45	9.1	7.86	28.2	Y	8,254
12/9	1.24	110.05	136.46	8.9	7.86	28.6	Y	8,328
12/10	1.28	82.31	105.36	8.2	7.93	30.6	Y	11,134
12/11	1.29	93.35	120.42	9.0	7.89	28.7	Y	9,817
12/12	1.24	84.86	105.23	9.2	7.66	25.9	Y	10,799
12/13	1.25	83.54	104.43	8.8	7.79	28.0	Y	10,970
12/14	1.31	94.13	123.31	8.5	7.89	29.7	Y	9,736
12/15	1.26	85.43	107.64	8.0	7.96	31.3	Y	10,727
12/16	1.30	84.09	109.32	8.0	7.86	30.2	Y	10,898
12/17	1.29	84.22	108.64	7.5	7.81	30.5	Y	10,882
12/18	1.26	88.51	111.52	7.5	7.86	31.1	Y	10,354
12/19	1.27	83.92	106.58	7.8	7.86	30.5	Y	10,921
12/20	1.29	106.86	137.85	7.4	7.86	31.3	Y	8,576
12/21	1.27	83.04	105.46	7.3	7.81	30.9	Y	11,036
12/22	1.25	83.02	103.78	7.5	7.75	29.8	Y	11,039
12/23	1.28	110.50	141.44	7.6	7.76	29.8	Y	8,294
12/24	1.28	83.34	106.68	6.9	7.86	32.2	Y	10,997
12/25	1.27	110.55	140.40	7.3	7.97	32.7	Y	8,290
12/26	1.23	111.71	137.40	7.3	8.01	33.1	Y	8,204
12/27	1.33	110.50	146.97	7.9	7.95	31.5	Y	8,294
12/28	1.32	110.12	145.36	7.6	7.91	31.6	Y	8,322
12/29	1.29	110.88	143.04	7.6	7.87	31.1	Y	8,265
12/30	1.24	111.19	137.88	8.5	8.09	28.8	Y	8,920
12/31	1.27	108.15	137.35	8.0	7.99	31.6	Y	8,474

Supervisor's Signature: 

Print Name: Bret Bienerth 08749

Date: 1-4-24