

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: November/2021

DAY	12 AM NTU	4 AM NTU	8 AM NTU	Noon NTU	4 PM NTU	8 PM NTU	Max CFE Turbidity NTU
11/01/2021	plant off	plant off	0.022	0.021	0.013	0.021	0.031
11/02/2021	plant off	plant off	0.023	0.03	0.023	0.025	0.039
11/03/2021	plant off	plant off	0.025	0.024	0.023	0.024	0.036
11/04/2021	plant off	plant off	0.021	0.023	0.023	0.023	0.030
11/05/2021	plant off	plant off	0.022	0.022	0.022	0.023	0.032
11/06/2021	plant off	plant off	0.022	0.022	0.022	0.027	0.033
11/07/2021	plant off	plant off	0.022	0.024	0.022	0.023	0.032
11/08/2021	plant off	plant off	0.026	0.024	0.025	0.024	0.029
11/09/2021	plant off	plant off	0.027	0.023	0.027	0.024	0.037
11/10/2021	plant off	plant off	0.021	0.025	0.023	0.024	0.030
11/11/2021	plant off	plant off	0.027	0.023	0.025	0.025	0.031
11/12/2021	plant off	plant off	0.023	0.032	0.027	0.025	0.035
11/13/2021	plant off	plant off	plant off	0.022	0.024	0.026	0.034
11/14/2021	plant off	plant off	0.024	0.023	0.025	0.024	0.029
11/15/2021	plant off	plant off	0.024	0.023	0.023	0.026	0.034
11/16/2021	plant off	plant off	0.024	0.023	0.023	0.025	0.030
11/17/2021	plant off	plant off	0.027	0.029	0.025	0.024	0.035
11/18/2021	plant off	plant off	plant off	0.023	0.023	0.023	0.033
11/19/2021	plant off	plant off	0.024	0.023	0.023	0.026	0.034
11/20/2021	plant off	plant off	0.025	0.023	0.027	0.024	0.038
11/21/2021	plant off	plant off	0.023	0.023	0.023	0.027	0.033
11/22/2021	plant off	plant off	0.022	0.027	0.024	0.03	0.034
11/23/2021	plant off	plant off	0.023	0.024	0.041	0.026	0.045
11/24/2021	plant off	plant off	0.024	0.024	0.023	0.025	0.034
11/25/2021	plant off	plant off	0.026	0.024	0.024	0.017	0.036
11/26/2021	plant off	plant off	0.022	0.025	0.025	0.027	0.038
11/27/2021	plant off	plant off	0.025	0.027	0.023	0.022	0.030
11/28/2021	plant off	plant off	0.021	0.022	0.022	0.025	0.029
11/29/2021	plant off	plant off	0.025	0.027	0.024	0.024	0.036
11/30/2021	plant off	plant off	0.022	0.022	0.024	0.026	0.031

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 03-Dec-21

Signature 

Phone (503) 635-0394

Cert # 08749

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

System Name:	ID#:	WTP:	Date:
Lake Oswego - Tigard Water Supply	4101542	EP-A	November 2021

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)
11/1	1.28	76.81	98.32	11.4	7.80	23.6	Y	11,931
11/2	1.17	76.46	89.46	10.7	7.79	24.6	Y	11,986
11/3	1.17	76.82	89.88	10.4	7.81	25.3	Y	11,930
11/4	1.11	76.36	84.76	10.7	7.77	24.1	Y	12,002
11/5	1.17	101.32	118.54	10.8	8.00	26.4	Y	9,045
11/6	1.26	83.41	105.10	10.7	7.82	25.0	Y	10,988
11/7	1.11	88.15	97.85	10.1	7.85	25.9	Y	10,397
11/8	1.22	78.58	95.87	10.2	7.83	26.0	Y	11,663
11/9	1.19	80.42	95.70	10.1	7.87	26.5	Y	11,396
11/10	1.20	78.38	94.06	9.8	7.64	24.7	Y	11,692
11/11	1.19	76.08	90.54	9.7	7.78	26.3	Y	12,046
11/12	1.21	70.35	85.12	10.3	7.70	24.5	Y	13,028
11/13	1.23	76.76	94.41	11.4	8.04	25.8	Y	11,940
11/14	1.24	78.34	97.14	11.8	7.89	23.8	Y	11,699
11/15	1.27	102.40	130.05	11.6	7.80	23.3	Y	8,950
11/16	1.19	92.29	109.83	11.5	7.73	22.7	Y	9,930
11/17	1.29	72.11	93.02	10.9	7.82	24.7	Y	12,709
11/18	1.23	90.01	110.71	9.8	7.75	25.8	Y	10,182
11/19	1.26	78.30	98.66	10.1	7.85	26.3	Y	11,704
11/20	1.27	76.54	97.21	9.4	7.77	26.7	Y	11,973
11/21	1.32	82.48	108.87	8.5	7.88	29.6	Y	11,111
11/22	1.31	77.47	101.49	8.7	7.86	29.0	Y	11,830
11/23	1.26	75.01	94.51	8.6	7.74	27.8	Y	12,218
11/24	1.24	75.82	94.02	8.1	7.92	30.6	Y	12,087
11/25	1.23	74.92	92.15	8.5	7.78	28.4	Y	12,233
11/26	1.29	76.71	98.96	8.8	7.84	28.6	Y	11,947
11/27	1.19	76.71	91.28	9.0	7.88	28.5	Y	11,947
11/28	1.12	83.24	93.23	8.9	7.95	29.1	Y	11,010
11/29	1.25	75.60	94.50	9.8	7.70	25.3	Y	12,122
11/30	1.33	76.81	102.16	10.1	7.84	26.2	Y	11,932

Supervisor's Signature: 

Print Name: Bret Bienerth 08749

Date: