

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/2022

DAY	12 AM NTU	4 AM NTU	8 AM NTU	Noon NTU	4 PM NTU	8 PM NTU	Max CFE Turbidity NTU
12/01/2022	plant off	plant off	0.027	0.021	0.023	0.023	0.031
12/02/2022	plant off	plant off	0.023	0.027	0.025	0.026	0.032
12/03/2022	plant off	plant off	0.026	0.038	0.029	0.029	0.045
12/04/2022	plant off	plant off	0.024	0.026	0.038	0.026	0.038
12/05/2022	plant off	plant off	0.021	0.024	0.044	0.025	0.050
12/06/2022	plant off	plant off	0.033	0.03	0.027	0.031	0.048
12/07/2022	plant off	plant off	0.024	0.024	0.025	0.023	0.066
12/08/2022	plant off	plant off	0.023	0.023	0.022	0.024	0.044
12/09/2022	plant off	plant off	plant off	0.023	0.025	0.028	0.031
12/10/2022	plant off	plant off	0.024	0.024	0.028	0.027	0.037
12/11/2022	plant off	plant off	0.023	0.03	0.025	0.029	0.033
12/12/2022	plant off	plant off	0.021	0.025	0.024	0.023	0.034
12/13/2022	plant off	plant off	0.021	0.023	0.021	0.023	0.032
12/14/2022	plant off	plant off	0.025	0.022	0.027	0.03	0.040
12/15/2022	plant off	plant off	0.023	0.023	0.025	0.025	0.037
12/16/2022	plant off	plant off	0.025	0.024	0.024	0.024	0.036
12/17/2022	plant off	plant off	0.021	0.032	0.024	0.024	0.038
12/18/2022	plant off	plant off	0.025	0.024	0.023	0.025	0.041
12/19/2022	plant off	plant off	0.023	0.028	0.024	0.024	0.032
12/20/2022	plant off	plant off	0.023	0.024	0.023	0.021	0.041
12/21/2022	plant off	plant off	0.021	0.024	0.024	0.023	0.034
12/22/2022	plant off	plant off	0.023	0.022	0.029	0.024	0.040
12/23/2022	plant off	plant off	0.024	0.028	0.023	0.025	0.035
12/24/2022	plant off	plant off	0.023	0.026	0.027	0.024	0.034
12/25/2022	plant off	plant off	0.023	0.025	0.043	0.024	0.050
12/26/2022	plant off	plant off	0.023	0.032	0.029	0.028	0.041
12/27/2022	plant off	plant off	0.024	0.029	0.03	0.037	0.047
12/28/2022	plant off	plant off	plant off	0.041	0.026	0.031	0.055
12/29/2022	plant off	plant off	0.023	0.027	0.025	0.04	0.045
12/30/2022	plant off	plant off	0.023	0.03	0.027	0.025	0.045
12/31/2022	plant off	plant off	0.029	0.038	0.03	0.034	0.042


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-23

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 2022
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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	1.21	78.07	94.46	7.3	7.73	29.9	Y	11,739
12/2	1.21	75.58	91.45	6.6	7.95	33.6	Y	12,126
12/3	1.28	79.13	101.29	6.6	7.83	32.4	Y	11,582
12/4	1.27	66.76	84.79	6.0	7.99	35.4	Y	13,727
12/5	1.27	79.23	100.62	6.0	7.85	33.7	Y	11,567
12/6	1.28	80.26	102.73	5.9	8.03	36.2	Y	11,418
12/7	1.28	79.28	101.48	6.0	8.21	38.7	Y	11,560
12/8	1.32	83.87	110.71	5.7	7.89	34.9	Y	10,927
12/9	1.27	102.31	129.93	5.8	7.88	34.4	Y	8,958
12/10	1.27	77.90	98.93	6.4	7.86	33.1	Y	11,764
12/11	1.24	75.65	93.81	6.6	7.88	32.9	Y	12,114
12/12	1.33	77.16	102.62	6.8	7.96	33.7	Y	11,878
12/13	1.30	77.71	101.02	6.9	7.83	31.9	Y	11,794
12/14	1.23	77.46	95.28	6.6	7.89	32.9	Y	11,831
12/15	1.36	75.88	103.20	5.8	7.87	34.5	Y	12,078
12/16	1.36	76.98	104.69	6.1	7.85	33.7	Y	11,905
12/17	1.33	77.69	103.33	5.7	7.80	33.7	Y	11,797
12/18	1.26	78.48	98.88	5.6	7.81	33.8	Y	11,677
12/19	1.22	77.16	94.14	5.9	7.98	35.2	Y	11,877
12/20	1.21	78.04	94.43	5.8	8.02	35.9	Y	11,744
12/21	1.25	77.25	96.56	6.0	7.83	33.4	Y	11,864
12/22	1.27	61.08	77.57	4.7	7.75	35.1	Y	15,004
12/23	1.25	103.53	129.41	3.7	7.95	40.9	Y	8,852
12/24	1.28	63.66	81.48	4.3	7.77	36.6	Y	14,396
12/25	1.26	74.85	94.31	4.3	7.87	37.9	Y	12,244
12/26	1.29	77.66	100.18	6.2	8.06	36.1	Y	11,801
12/27	1.27	71.92	91.34	6.9	7.98	33.6	Y	12,743
12/28	1.27	58.95	74.87	7.5	7.83	30.7	Y	15,546
12/29	1.36	76.76	104.39	7.5	7.98	32.7	Y	11,940
12/30	1.30	99.76	129.69	7.5	7.90	31.6	Y	9,187
12/31	1.27	77.65	98.62	7.7	7.87	30.8	Y	11,803

Supervisor's Signature:

Bret Bienert

Print Name: Bret Bienert

08749

Date:

1-4-23