

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/2023

DAY	12 AM NTU	4 AM NTU	8 AM NTU	Noon NTU	4 PM NTU	8 PM NTU	Max CFE Turbidity NTU
11/01/2023	plant off	plant off	0.035	0.024	0.022	0.022	0.040
11/02/2023	plant off	plant off	0.026	0.021	0.021	0.022	0.031
11/03/2023	plant off	plant off	0.021	0.023	0.021	0.021	0.032
11/04/2023	plant off	plant off	plant off	0.022	0.021	0.022	0.038
11/05/2023	plant off	plant off	0.02	0.022	0.022	0.035	0.035
11/06/2023	plant off	plant off	0.021	0.021	0.022	0.026	0.033
11/07/2023	plant off	plant off	0.023	0.022	0.022	0.025	0.036
11/08/2023	plant off	plant off	0.022	0.023	0.025	0.023	0.038
11/09/2023	plant off	plant off	0.022	0.018	0.023	0.023	0.032
11/10/2023	plant off	plant off	0.022	0.023	0.022	0.021	0.038
11/11/2023	plant off	plant off	0.021	0.021	0.025	0.03	0.040
11/12/2023	0.024	plant off	0.022	0.022	0.021	0.023	0.033
11/13/2023	plant off	plant off	0.023	0.022	0.022	0.029	0.035
11/14/2023	plant off	plant off	0.021	0.021	0.023	0.026	0.028
11/15/2023	plant off	plant off	0.025	0.024	0.023	0.022	0.030
11/16/2023	plant off	plant off	plant off	0.023	0.021	0.02	0.032
11/17/2023	plant off	plant off	0.024	0.02	0.021	0.022	0.033
11/18/2023	plant off	plant off	plant off	0.024	0.022	0.021	0.034
11/19/2023	plant off	plant off	0.021	0.022	0.021	0.021	0.033
11/20/2023	plant off	plant off	0.02	0.024	0.022	0.021	0.029
11/21/2023	plant off	plant off	0.02	0.021	0.023	0.021	0.032
11/22/2023	plant off	plant off	plant off	0.021	0.021	0.022	0.027
11/23/2023	plant off	plant off	0.025	0.024	0.022	0.022	0.034
11/24/2023	plant off	plant off	0.021	0.02	0.02	0.021	0.033
11/25/2023	plant off	plant off	0.023	0.022	0.03	0.021	0.031
11/26/2023	plant off	plant off	0.023	0.027	0.022	0.023	0.031
11/27/2023	plant off	plant off	0.023	0.029	0.022	0.018	0.030
11/28/2023	plant off	plant off	0.021	0.021	0.025	0.021	0.032
11/29/2023	plant off	plant off	0.024	0.026	0.025	0.023	0.030
11/30/2023	plant off	plant off	0.022	0.023	0.022	0.022	0.030

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 < 1 FE 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-Dec-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: November 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)
11/1	1.18	78.94	93.15	9.2	8.08	30.2	Y	11,609
11/2	1.30	101.68	132.18	10.2	8.02	27.9	Y	9,013
11/3	1.24	98.53	122.18	10.8	8.08	27.3	Y	9,301
11/4	1.29	77.38	99.82	11.0	7.99	26.1	Y	11,844
11/5	1.30	77.06	100.18	10.7	7.87	25.5	Y	11,892
11/6	1.26	76.63	96.55	11.1	7.88	24.9	Y	11,959
11/7	1.22	99.15	120.96	11.5	7.81	23.5	Y	9,243
11/8	1.29	77.56	100.05	10.9	7.89	25.3	Y	11,816
11/9	1.25	78.73	98.41	10.8	7.91	25.7	Y	11,640
11/10	1.28	99.93	127.91	10.2	8.05	28.2	Y	9,171
11/11	1.35	83.11	112.20	10.3	7.91	26.6	Y	11,027
11/12	1.30	77.61	100.89	9.8	7.76	26.0	Y	11,809
11/13	1.21	79.62	96.34	10.0	7.75	25.5	Y	11,511
11/14	1.30	77.05	100.17	9.8	7.78	26.2	Y	11,895
11/15	1.32	62.59	82.62	10.1	8.02	28.0	Y	14,642
11/16	1.31	79.93	104.71	10.0	7.99	27.9	Y	11,466
11/17	1.31	98.62	129.19	10.2	7.95	27.1	Y	9,293
11/18	1.31	101.82	133.38	9.2	7.88	28.3	Y	9,001
11/19	1.27	77.65	98.62	9.3	7.88	28.1	Y	11,803
11/20	1.26	78.47	98.87	9.6	7.83	27.0	Y	11,679
11/21	1.28	78.77	100.83	9.2	7.79	27.3	Y	11,634
11/22	1.31	78.03	102.22	9.1	8.00	29.7	Y	11,745
11/23	1.30	72.89	94.76	9.3	7.94	28.7	Y	12,573
11/24	1.30	81.45	105.89	8.9	7.98	29.9	Y	11,252
11/25	1.30	77.05	100.17	8.0	7.87	30.3	Y	11,894
11/26	1.24	76.71	95.12	6.9	7.87	32.2	Y	11,947
11/27	1.31	79.02	103.52	6.7	7.80	31.9	Y	11,598
11/28	1.32	77.85	102.76	6.3	7.88	33.6	Y	11,772
11/29	1.34	98.05	131.39	5.9	7.92	34.9	Y	9,347
11/30	1.31	99.70	130.61	6.0	7.88	34.1	Y	9,192

Supervisor's Signature:



Print Name:

Bret Bienert

08749

Date:

4 Dec 2023