

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/2021

DAY	12 AM NTU	4 AM NTU	8 AM NTU	Noon NTU	4 PM NTU	8 PM NTU	Max CFE Turbidity NTU
12/01/2021	plant off	plant off	0.023	0.022	0.024	0.023	0.037
12/02/2021	plant off	plant off	0.023	0.022	0.022	0.022	0.033
12/03/2021	plant off	plant off	0.024	0.023	0.023	0.025	0.034
12/04/2021	plant off	plant off	0.024	0.023	0.024	0.023	0.030
12/05/2021	plant off	plant off	0.02	0.023	0.023	0.023	0.034
12/06/2021	plant off	plant off	0.023	0.024	0.023	0.022	0.030
12/07/2021	plant off	plant off	0.022	0.02	0.025	0.025	0.031
12/08/2021	plant off	plant off	0.026	0.022	0.022	0.023	0.035
12/09/2021	plant off	plant off	0.024	0.022	0.023	0.024	0.032
12/10/2021	plant off	plant off	0.022	0.023	0.029	0.022	0.032
12/11/2021	plant off	plant off	plant off	0.024	0.028	0.027	0.034
12/12/2021	plant off	plant off	0.026	0.024	0.024	0.025	0.036
12/13/2021	plant off	plant off	0.023	0.027	0.026	0.027	0.037
12/14/2021	plant off	plant off	0.027	0.028	0.027	0.033	0.040
12/15/2021	plant off	plant off	0.025	0.026	0.026	0.026	0.034
12/16/2021	plant off	plant off	0.024	0.026	0.026	0.024	0.040
12/17/2021	plant off	plant off	0.023	0.024	0.026	0.026	0.039
12/18/2021	plant off	plant off	0.024	0.028	0.025	0.023	0.063
12/19/2021	plant off	plant off	0.023	0.029	0.026	0.028	0.035
12/20/2021	plant off	plant off	0.024	0.025	0.027	0.03	0.040
12/21/2021	plant off	plant off	0.028	0.025	0.028	0.025	0.085
12/22/2021	plant off	plant off	0.023	0.024	0.028	0.028	0.043
12/23/2021	plant off	plant off	0.022	0.024	0.026	0.028	0.038
12/24/2021	plant off	plant off	0.028	0.024	0.035	0.026	0.046
12/25/2021	plant off	plant off	0.022	0.022	0.023	0.022	0.034
12/26/2021	plant off	plant off	0.023	0.028	0.025	0.026	0.040
12/27/2021	plant off	plant off	0.023	0.026	0.031	0.027	0.037
12/28/2021	plant off	plant off	0.025	0.024	0.028	0.024	0.034
12/29/2021	plant off	plant off	0.025	0.024	0.027	0.025	0.036
12/30/2021	plant off	plant off	0.022	0.026	0.024	0.024	0.034
12/31/2021	plant off	plant off	0.024	0.023	0.023	0.028	0.028

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-Jan-22

Signature 

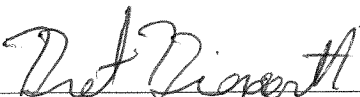
Phone (503) 635-0394 Cert # 08749

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

<b>System Name:</b> Lake Oswego - Tigard Water Supply	<b>ID#:</b> 4101542	<b>WTP:</b> EP-A	<b>Date:</b> December 2021
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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	1.22	79.48	96.97	10.2	7.80	25.7	Y	11,531
12/2	1.21	76.04	92.01	10.6	7.83	25.3	Y	12,053
12/3	1.29	77.84	100.41	10.4	7.87	26.0	Y	11,773
12/4	1.24	78.44	97.27	9.5	7.82	27.1	Y	11,684
12/5	1.27	72.82	92.48	9.5	8.01	29.0	Y	12,585
12/6	1.26	76.92	96.92	8.5	7.88	29.5	Y	11,914
12/7	1.21	77.48	93.75	8.6	7.84	28.8	Y	11,829
12/8	1.23	79.10	97.29	9.6	7.80	26.7	Y	11,586
12/9	1.24	83.44	103.47	8.6	7.78	28.2	Y	10,983
12/10	1.24	82.94	102.85	8.7	7.88	29.1	Y	11,049
12/11	1.24	77.13	95.64	8.6	7.91	29.6	Y	11,882
12/12	1.25	94.69	118.36	8.6	7.80	28.5	Y	9,679
12/13	1.29	78.37	101.10	8.5	7.81	28.8	Y	11,694
12/14	1.16	73.42	85.17	8.0	7.85	29.8	Y	12,482
12/15	1.13	72.83	82.30	7.5	7.81	30.1	Y	12,584
12/16	1.18	79.13	93.37	7.3	7.84	31.0	Y	11,581
12/17	1.25	74.45	93.06	7.8	7.90	31.0	Y	12,309
12/18	1.27	77.48	98.40	7.7	7.90	31.2	Y	11,828
12/19	1.22	72.90	88.94	7.5	7.73	29.6	Y	12,571
12/20	1.18	70.48	83.17	7.3	7.85	31.1	Y	13,003
12/21	1.27	72.99	92.70	7.8	8.02	32.4	Y	12,556
12/22	1.25	76.88	96.10	8.1	7.93	30.7	Y	11,920
12/23	1.24	77.56	96.17	8.2	7.81	29.2	Y	11,816
12/24	1.27	79.29	100.70	7.8	7.84	30.3	Y	11,558
12/25	1.23	80.67	99.22	7.4	7.88	31.4	Y	11,361
12/26	1.21	75.46	91.31	7.3	7.91	31.9	Y	12,145
12/27	1.27	74.87	95.08	6.3	7.90	33.7	Y	12,240
12/28	1.22	72.91	88.95	5.9	7.78	32.9	Y	12,569
12/29	1.24	77.40	95.98	5.4	7.77	33.7	Y	11,841
12/30	1.20	77.58	93.10	5.2	7.87	35.1	Y	11,813
12/31	1.25	78.30	97.88	5.3	7.78	34.0	Y	11,704

Supervisor's Signature:



Print Name:

Bret Bienert

08749

Date: