

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: May/2023

DAY	12 AM NTU	4 AM NTU	8 AM NTU	Noon NTU	4 PM NTU	8 PM NTU	Max CFE Turbidity NTU
05/01/2023	plant off	plant off	0.02	0.023	0.023	0.027	0.037
05/02/2023	plant off	plant off	0.034	0.026	0.025	0.025	0.048
05/03/2023	plant off	plant off	0.026	0.024	0.023	0.022	0.054
05/04/2023	plant off	plant off	0.024	0.022	0.022	0.022	0.028
05/05/2023	plant off	plant off	0.03	0.024	0.022	0.023	0.035
05/06/2023	plant off	plant off	0.028	0.023	0.022	0.022	0.029
05/07/2023	plant off	plant off	0.021	0.025	0.022	0.017	0.031
05/08/2023	plant off	plant off	0.022	0.022	0.022	0.022	0.034
05/09/2023	plant off	plant off	0.021	0.024	0.023	0.025	0.034
05/10/2023	plant off	plant off	0.023	0.024	0.023	0.025	0.042
05/11/2023	plant off	plant off	0.026	0.023	0.022	0.023	0.033
05/12/2023	plant off	plant off	0.028	0.022	0.025	0.021	0.034
05/13/2023	plant off	plant off	0.022	0.02	0.021	0.021	0.033
05/14/2023	plant off	plant off	0.021	0.024	0.022	0.022	0.034
05/15/2023	plant off	plant off	0.025	0.025	0.023	0.021	0.038
05/16/2023	plant off	plant off	0.024	0.022	0.021	0.022	0.038
05/17/2023	plant off	plant off	0.023	0.021	0.021	0.022	0.035
05/18/2023	plant off	plant off	0.021	0.024	0.022	0.024	0.032
05/19/2023	plant off	plant off	0.024	0.021	0.021	0.02	0.032
05/20/2023	plant off	plant off	0.022	0.023	0.021	0.021	0.031
05/21/2023	plant off	plant off	0.02	0.02	0.02	0.022	0.033
05/22/2023	plant off	plant off	0.021	0.024	0.024	0.022	0.036
05/23/2023	plant off	plant off	0.021	0.022	0.021	0.021	0.032
05/24/2023	plant off	0.022	0.026	0.021	0.022	0.021	0.035
05/25/2023	plant off	plant off	0.024	0.022	0.021	0.025	0.034
05/26/2023	0.023	0.022	0.021	0.022	0.021	0.021	0.033
05/27/2023	0.021	0.021	0.021	0.02	0.022	0.021	0.033
05/28/2023	0.022	0.022	0.021	0.022	0.022	0.021	0.034
05/29/2023	0.02	0.02	0.02	0.02	0.02	0.02	0.032
05/30/2023	0.023	0.021	0.021	0.022	0.02	0.021	0.032
05/31/2023	0.021	0.021	0.023	0.022	0.021	0.021	0.032

Conventional or Direct Filtration

95% of the 4-hour turbidity readings  $\leq 0.3$  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 05-Jun-23

Signature 

Phone (503) 635-0394

Cert # 08749

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

<b>System Name:</b>	<b>ID#:</b>	<b>WTP:</b>	<b>Date:</b>
Lake Oswego - Tigard Water Supply	4101542	EP-A	May 2023

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)
5/1	1.33	76.72	102.04	10.9	8.09	27.3	Y	11,946
5/2	1.22	74.13	90.44	9.6	7.92	27.9	Y	12,363
5/3	1.22	78.61	95.90	10.4	8.03	27.6	Y	11,658
5/4	1.26	77.53	97.69	10.1	7.85	26.3	Y	11,821
5/5	1.33	76.46	101.69	10.0	8.08	28.9	Y	11,986
5/6	1.29	78.21	100.89	9.8	7.80	26.4	Y	11,718
5/7	1.28	77.83	99.62	10.1	8.12	29.1	Y	11,775
5/8	1.24	71.97	89.24	10.4	7.98	27.1	Y	12,733
5/9	1.27	78.32	99.47	10.7	8.01	26.8	Y	11,701
5/10	1.28	76.24	97.59	11.3	7.87	24.5	Y	12,020
5/11	1.27	77.19	98.03	11.4	8.08	26.2	Y	11,872
5/12	1.27	60.60	76.96	11.9	7.88	23.5	Y	15,124
5/13	1.30	72.04	93.65	12.0	7.84	23.0	Y	12,722
5/14	1.32	54.72	72.23	13.8	7.96	20.9	Y	16,748
5/15	1.36	53.14	72.27	12.9	7.99	22.7	Y	17,247
5/16	1.30	52.89	68.76	13.5	7.86	20.6	Y	17,328
5/17	1.24	54.75	67.89	13.8	7.65	18.3	Y	16,738
5/18	1.19	56.64	67.40	14.0	8.04	21.0	Y	16,181
5/19	1.19	61.59	73.29	14.5	8.11	20.6	Y	14,879
5/20	1.24	59.01	73.17	13.1	7.86	21.2	Y	15,530
5/21	1.23	56.89	69.97	13.4	7.93	21.3	Y	16,110
5/22	1.21	57.30	69.33	13.4	7.88	20.9	Y	15,993
5/23	1.22	58.88	71.83	13.0	7.62	19.3	Y	15,565
5/24	1.24	56.43	69.97	12.3	7.78	21.9	Y	16,240
5/25	1.24	56.90	70.56	14.5	7.73	17.8	Y	16,107
5/26	1.23	61.91	76.15	13.2	7.92	21.6	Y	14,802
5/27	1.27	61.95	78.68	13.7	8.06	21.8	Y	14,793
5/28	1.23	63.44	78.03	13.4	8.08	22.5	Y	14,445
5/29	1.23	78.34	96.36	13.7	7.91	20.6	Y	11,699
5/30	1.23	62.44	76.80	14.7	7.78	17.8	Y	14,678
5/31	1.29	61.81	79.73	14.0	8.07	21.3	Y	14,827

Supervisor's Signature:



Print Name:

Bret Bienerth

08749

Date:

6-5-23