

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: April/2021

DAY	12 AM NTU	4 AM NTU	8 AM NTU	Noon NTU	4 PM NTU	8 PM NTU	Max CFE Turbidity NTU
04/01/2021	plant off	plant off	0.021	0.024	0.02	0.014	0.032
04/02/2021	plant off	plant off	0.024	0.02	0.023	0.021	0.028
04/03/2021	plant off	plant off	0.021	0.02	0.021	0.021	0.032
04/04/2021	plant off	plant off	0.021	0.022	0.02	0.021	0.031
04/05/2021	plant off	plant off	0.021	0.02	0.023	0.02	0.033
04/06/2021	plant off	plant off	0.021	0.021	0.022	0.021	0.030
04/07/2021	plant off	plant off	0.022	0.021	0.02	0.02	0.026
04/08/2021	plant off	plant off	0.02	0.021	0.021	0.02	0.031
04/09/2021	plant off	plant off	0.023	0.02	0.022	0.021	0.028
04/10/2021	plant off	plant off	0.021	0.021	0.021	0.02	0.027
04/11/2021	plant off	plant off	0.022	0.022	0.021	0.02	0.033
04/12/2021	plant off	plant off	0.02	0.023	0.022	0.023	0.027
04/13/2021	plant off	plant off	0.02	0.023	0.021	0.023	0.035
04/14/2021	plant off	plant off	0.019	0.021	0.024	0.021	0.033
04/15/2021	plant off	plant off	0.021	0.022	0.022	0.023	0.031
04/16/2021	plant off	plant off	0.021	0.021	0.02	0.021	0.030
04/17/2021	plant off	plant off	0.017	0.022	0.025	0.02	0.028
04/18/2021	plant off	plant off	0.02	0.024	0.023	0.02	0.027
04/19/2021	plant off	plant off	0.02	0.023	0.021	0.02	0.032
04/20/2021	plant off	plant off	0.055	0.021	0.021	0.021	0.027
04/21/2021	plant off	plant off	0.019	0.027	0.021	0.02	0.032
04/22/2021	0.02	plant off	plant off	0.022	0.022	0.021	0.028
04/23/2021	plant off	plant off	0.021	0.021	0.02	0.019	0.032
04/24/2021	plant off	plant off	0.023	0.021	0.021	0.02	0.032
04/25/2021	plant off	plant off	0.02	0.021	0.022	0.02	0.032
04/26/2021	plant off	plant off	0.021	0.024	0.021	0.02	0.032
04/27/2021	plant off	plant off	0.019	0.025	0.021	0.02	0.046
04/28/2021	plant off	plant off	0.02	0.021	0.021	0.019	0.032
04/29/2021	plant off	plant off	0.02	0.022	0.027	0.025	0.031
04/30/2021	0.02	plant off	0.02	0.023	0.021	0.021	0.032


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 Bienert 06-May-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	April 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)
4/1	1.31	73.86	96.76	9.6	7.88	27.5	Y	12,408
4/2	1.27	78.46	99.64	9.0	7.73	27.0	Y	11,681
4/3	1.24	79.57	98.67	9.2	7.75	26.9	Y	11,518
4/4	1.30	67.89	88.26	10.2	7.95	27.1	Y	13,499
4/5	1.27	76.09	96.63	8.9	7.89	28.9	Y	12,044
4/6	1.27	74.82	95.02	9.1	7.88	28.4	Y	12,248
4/7	1.21	74.02	89.56	10.5	7.78	24.9	Y	12,382
4/8	1.22	74.16	90.48	9.1	7.92	28.8	Y	12,357
4/9	1.27	80.49	102.22	9.3	7.88	28.1	Y	11,386
4/10	1.27	78.16	99.26	9.2	7.81	27.5	Y	11,726
4/11	1.22	74.68	91.11	9.2	7.92	28.6	Y	12,271
4/12	1.23	70.23	86.38	9.6	7.72	25.9	Y	13,049
4/13	1.27	75.53	95.92	8.9	8.02	30.3	Y	12,133
4/14	1.21	75.89	91.83	10.6	7.79	24.9	Y	12,076
4/15	1.29	67.13	86.60	10.7	7.84	25.2	Y	13,651
4/16	1.26	63.00	79.38	11.6	7.70	22.4	Y	14,547
4/17	1.26	58.74	74.01	10.8	7.81	24.7	Y	15,603
4/18	1.26	60.23	75.89	11.1	7.83	24.4	Y	15,215
4/19	1.36	55.60	75.62	11.0	7.96	25.8	Y	16,484
4/20	1.20	55.03	66.04	12.8	7.92	22.2	Y	16,654
4/21	1.27	46.73	59.35	11.3	7.89	24.6	Y	19,612
4/22	1.16	61.56	71.41	13.2	7.80	20.3	Y	14,887
4/23	1.23	57.35	70.54	11.9	7.95	24.1	Y	15,981
4/24	1.24	72.33	89.69	12.3	7.86	22.6	Y	12,670
4/25	1.22	54.52	66.51	11.5	7.95	24.8	Y	16,809
4/26	1.20	62.15	74.58	11.0	7.84	24.7	Y	14,747
4/27	1.25	61.59	76.99	10.5	7.87	25.8	Y	14,879
4/28	1.30	62.13	80.77	10.7	7.88	25.6	Y	14,750
4/29	1.29	61.97	79.94	12.0	7.90	23.5	Y	14,788
4/30	1.22	59.80	72.96	12.1	7.86	22.9	Y	15,326

Supervisor's Signature:



Print Name:

Bret Bienerth

08749

Date:

6 May 21