

OHA - Drinking Water Program - Turbidity Monitoring Report Form

County: Lane

Conventional or Direct Filtration

System Name: Eugene Water & Electric

ID#: 4100287 WTP: WTP-A

Month/Year: Jun, 2023

Board

Day	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Daily Maximum (NTU) ¹
01	0.037	0.037	0.036	0.039	0.040	0.039	0.040
02	0.039	0.039	0.038	0.038	0.034	0.040	0.040
03	0.034	0.039	0.034	0.037	0.040	0.040	0.040
04	0.040	0.039	0.039	0.039	0.040	0.039	0.040
05	0.039	0.040	0.040	0.040	0.040	0.040	0.040
06	0.040	0.037	0.036	0.037	0.039	0.040	0.040
07	0.039	0.038	0.038	0.038	0.039	0.038	0.039
08	0.037	0.039	0.037	0.038	0.040	0.040	0.040
09	0.040	0.038	0.040	0.037	0.036	0.036	0.040
10	0.037	0.039	0.037	0.037	0.037	0.038	0.039
11	0.038	0.037	0.037	0.035	0.039	0.039	0.039
12	0.039	0.038	0.037	0.038	0.039	0.040	0.040
13	0.038	0.035	0.037	0.039	0.040	0.042	0.042
14	0.039	0.038	0.042	0.034	0.034	0.034	0.042
15	0.034	0.037	0.041	0.035	0.036	0.037	0.041
16	0.037	0.032	0.032	0.031	0.041	0.047	0.047
17	0.040	0.037	0.038	0.037	0.034	0.033	0.040
18	0.033	0.032	0.033	0.031	0.031	0.040	0.040
19	0.037	0.036	0.035	0.034	0.035	0.036	0.037
20	0.035	0.036	0.034	0.035	0.031	0.036	0.036
21	0.035	0.033	0.035	0.035	0.035	0.037	0.037
22	0.036	0.039	0.039	0.036	0.034	0.038	0.039
23	0.037	0.036	0.035	0.041	0.038	0.034	0.041
24	0.035	0.034	0.032	0.031	0.033	0.042	0.042
25	0.039	0.037	0.036	0.038	0.036	0.037	0.039
26	0.037	0.033	0.032	0.033	0.037	0.038	0.038
27	0.038	0.037	0.036	0.036	0.033	0.036	0.038
28	0.035	0.035	0.037	0.036	0.038	0.039	0.039
29	0.039	0.037	0.033	0.032	0.034	0.043	0.043
30	0.041	0.038	0.037	0.037	0.038	0.035	0.041

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of turbidity readings <= 0.3 NTU? Y All turbidity readings < 1 NTU? Y All Turbidity readings < 1 IFE2 triggers? Y ¹	CT's met everyday? Y	All CI residuals at entry point >= 0.2 mg/L? Y
Notes:	PRINTED NAME:	
	SIGNATURE:	DATE: 07/05/2023
	PHONE #: (541) 685-7838	CERT #: 7218

1. Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM" through "8 PM" may not correspond to continuous readings' maximum.
2. IFE = Individual Filter Effluent.

OHA - Drinking Water Program - Surface Water Quality Data

Month/Year: Jun, 2023

Eugene Water & Electric Board

ID#: 4100287

WTP-: WTP-A

Required Log inactivation: 1

Day	Time of Min Cl2	Peak Hourly Flow (gpm)	Min Cl2 Res at entry point (mg/L)	Contact Time (min)	Combined Actual CT (min*mg/L)	CW Basin Temp (deg C)	Res FW Temp (deg C)	T-Main Temp (deg C)	CW Basin pH (Max)	FW Res pH (Max)	T-Main pH (Max)	Basin CT Req	Res CT Req	T-45" CT Req	T-60" CT Req	CT Met	Log Inactivation
01	06:00	31,177	0.65	380	252	-	11.9	11.7	-	8.0	7.9	0	47	48	46	Y	5.31
02	15:00	31,809	0.65	388	255	-	11.9	11.7	-	8.0	7.9	0	47	48	46	Y	5.42
03	22:00	30,483	0.65	401	260	-	12.3	12.1	-	8.0	7.9	0	45	46	45	Y	5.76
04	23:00	31,870	0.64	388	249	-	12.9	12.4	-	8.0	8.0	0	44	47	45	Y	5.51
05	01:00	34,299	0.64	358	230	-	13.3	12.8	-	8.0	8.0	0	43	45	43	Y	5.28
06	02:00	36,132	0.65	336	218	-	13.7	13.3	-	8.0	7.9	0	41	42	41	Y	5.27
07	23:00	32,902	0.63	374	232	-	14.9	13.7	-	8.0	7.9	0	38	39	40	Y	6.00
08	22:00	33,777	0.62	377	237	-	12.6	13.5	-	8.0	7.9	0	44	40	40	Y	5.77
09	00:00	31,156	0.63	388	247	-	12.3	13.2	-	8.0	7.9	0	46	41	42	Y	5.80
10	02:00	33,461	0.65	375	246	-	12.4	13.3	-	8.0	7.9	0	45	41	41	Y	5.84
11	21:00	35,500	0.66	348	232	-	12.7	13.7	-	7.9	7.8	0	43	38	39	Y	5.82
12	01:00	34,148	0.66	358	227	-	13.4	14.5	-	8.0	7.9	0	42	37	38	Y	5.86
13	23:00	34,273	0.66	367	233	-	14.1	15.2	-	7.9	7.9	0	39	36	36	Y	6.31
14	01:00	33,338	0.65	378	245	-	15.5	14.5	-	8.0	7.9	0	37	38	38	Y	6.49
15	22:00	33,317	0.65	375	241	-	14.6	13.9	-	8.0	7.9	0	39	39	40	Y	6.15
16	01:00	33,999	0.65	352	222	-	14.7	14.0	-	8.0	7.9	0	38	39	39	Y	5.76
17	03:00	31,747	0.65	376	235	-	15.5	14.4	-	8.0	7.9	0	36	38	38	Y	6.28
18	10:00	27,804	0.64	458	288	-	14.7	13.8	-	8.0	7.9	0	38	39	39	Y	7.44
19	23:00	28,194	0.65	427	272	-	13.4	12.9	-	8.0	7.9	0	42	42	42	Y	6.50
20	00:00	26,161	0.65	335	216	-	12.7	12.5	-	7.9	7.9	0	43	43	0	Y	5.00
21	04:00	30,942	0.64	385	253	-	12.7	12.4	-	7.9	7.8	0	43	42	44	Y	5.90
22	17:00	34,829	0.64	339	224	-	11.9	13.5	-	8.0	7.8	0	46	39	41	Y	5.43
23	17:00	35,418	0.65	333	216	-	13.0	14.3	-	8.0	7.8	0	43	37	39	Y	5.53
24	22:00	33,010	0.63	376	247	-	13.6	14.6	-	7.9	7.8	0	40	36	38	Y	6.49
25	01:00	36,597	0.63	196	128	-	13.7	15.3	-	8.0	7.9	0	41	0	37	Y	3.34
26	03:00	38,266	0.63	191	122	-	16.0	15.4	-	8.0	8.0	0	35	0	37	Y	3.40
27	03:00	36,108	0.64	211	137	-	13.9	15.3	-	7.9	8.0	0	40	0	38	Y	3.55
28	22:00	37,999	0.64	195	126	-	14.5	15.9	-	7.9	8.0	0	38	0	36	Y	3.40
29	16:00	37,711	0.62	207	130	-	14.7	16.3	-	8.0	8.0	0	38	0	35	Y	3.57
30	07:00	37,767	0.64	187	120	-	15.0	16.6	-	7.9	8.0	0	37	0	34	Y	3.40

3. If Cl2 at entry point <0.2 mg/L, or CT not met, notify DWP by end of next business day.

OHA - Drinking Water Program - Surface Water Quality

Month/Year: Jun, 2023

Data

Out of Service Events		
Basin		
OOS Start Date	OOS End Date	Comment
Oct 01, 2020	-	Basin OOS to remove required CT value
60" Res Line		
OOS Start Date	OOS End Date	Comment
Jun 07, 2023	Jun 07, 2023	60" chlorine maintenance at sample shack.
Jun 14, 2023	Jun 21, 2023	60" chlorine at shack OOS for instrument troubleshooting.
Jun 26, 2023	Jun 26, 2023	60" chlorine at sample shack. Troubleshooting.
60" Tie Line		
OOS Start Date	OOS End Date	Comment
Jun 20, 2023	Jun 20, 2023	60" chlorine at intertie. Instrument reading erratically.
45" Tie Line		
OOS Start Date	OOS End Date	Comment
Jun 25, 2023	-	45" chlorine at the intertie reading erratically.
Data Alterations		