

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: Aug, 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	0.034	0.037	0.035	0.034	0.035	0.036	0.037
02	0.036	0.037	0.035	0.032	0.035	0.035	0.037
03	0.034	0.037	0.036	0.034	0.035	0.037	0.037
04	0.036	0.035	0.035	0.032	0.034	0.040	0.040
05	0.038	0.040	0.037	0.035	0.035	0.036	0.040
06	0.037	0.039	0.035	0.037	0.034	0.040	0.040
07	0.040	0.038	0.036	0.034	0.035	0.036	0.040
08	0.037	0.034	0.035	0.034	0.037	0.038	0.038
09	0.038	0.044	0.035	0.034	0.034	0.035	0.044
10	0.038	0.037	0.035	0.035	0.036	0.037	0.038
11	0.037	0.037	0.035	0.034	0.036	0.036	0.037
12	0.036	0.035	0.036	0.034	0.035	0.043	0.043
13	0.035	0.035	0.034	0.033	0.034	0.038	0.038
14	0.039	0.038	0.036	0.035	0.036	0.036	0.039
15	0.036	0.038	0.035	0.036	0.036	0.044	0.044
16	0.037	0.037	0.036	0.035	0.035	0.035	0.037
17	0.038	0.039	0.038	0.036	0.038	0.039	0.039
18	0.043	0.037	0.037	0.036	0.036	0.036	0.043
19	0.035	0.036	0.038	0.034	0.036	0.040	0.040
20	0.046	0.038	0.036	0.037	0.036	0.037	0.046
21	0.037	0.037	0.036	0.036	0.040	0.038	0.040
22	0.036	0.036	0.035	0.033	0.036	0.036	0.036
23	0.036	0.035	0.034	0.033	0.035	0.038	0.038
24	0.042	0.037	0.035	0.034	0.034	0.034	0.042
25	0.037	0.036	0.033	0.032	0.036	0.036	0.037
26	0.038	0.038	0.037	0.035	0.036	0.037	0.038
27	0.036	0.036	0.035	0.036	0.035	0.041	0.041
28	0.038	0.038	0.037	0.036	0.034	0.035	0.038
29	0.037	0.035	0.034	0.035	0.035	0.036	0.037
30	0.036	0.037	0.036	0.036	0.035	0.036	0.037
31	0.036	0.036	0.035	0.037	0.035	0.035	0.037

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: 09/01/2023
	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: Aug, 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	23:00	37,639	0.64	319	210	-	16.4	17.2	-	8.0	8.0	0	35	32	33	Y	6.36
02	04:00	38,066	0.63	317	206	-	16.7	17.3	-	8.0	7.9	0	34	31	32	Y	6.40
03	21:00	38,679	0.60	310	193	-	16.8	17.4	-	8.0	7.9	0	34	32	32	Y	6.02
04	21:00	41,266	0.60	283	171	-	17.3	17.6	-	8.0	7.9	0	32	32	31	Y	5.44
05	01:00	37,247	0.60	318	189	-	17.4	17.7	-	7.9	7.9	0	31	32	30	Y	6.06
06	05:00	42,173	0.60	283	169	-	17.2	17.6	-	7.9	7.9	0	32	32	31	Y	5.32
07	03:00	42,822	0.61	272	165	-	17.1	17.5	-	7.9	7.9	0	31	32	31	Y	5.27
08	23:00	38,403	0.62	316	197	-	16.8	17.5	-	7.9	7.9	0	32	32	31	Y	6.22
09	04:00	40,248	0.61	296	179	-	17.1	17.6	-	7.9	7.9	0	32	32	30	Y	5.69
10	03:00	38,434	0.62	312	194	-	17.4	17.7	-	7.9	7.9	0	31	31	30	Y	6.37
11	22:00	39,054	0.63	311	198	-	17.2	17.8	-	8.0	7.8	0	32	30	30	Y	6.49
12	16:00	40,996	0.63	284	182	-	16.9	17.6	-	7.9	7.8	0	32	30	30	Y	5.93
13	22:00	43,626	0.63	272	175	-	17.4	17.8	-	7.9	7.8	0	31	30	29	Y	5.86
14	22:00	42,865	0.61	272	170	-	17.9	18.3	-	8.0	7.9	0	31	29	29	Y	5.79
15	01:00	40,155	0.61	310	195	-	17.3	18.2	-	8.1	8.0	0	33	31	30	Y	6.21
16	00:00	41,531	0.66	295	197	-	17.4	18.3	-	8.0	8.0	0	33	31	30	Y	6.33
17	20:00	38,084	0.67	317	214	-	17.4	17.9	-	8.0	7.9	0	32	31	31	Y	6.87
18	23:00	37,668	0.65	327	216	-	16.5	17.3	-	8.0	8.0	0	35	33	32	Y	6.53
19	00:00	35,114	0.66	350	231	-	16.5	17.3	-	8.0	8.0	0	34	32	32	Y	7.01
20	23:00	35,367	0.66	341	226	-	16.0	17.0	-	8.0	7.9	0	35	33	32	Y	6.79
21	22:00	36,501	0.62	335	216	-	15.7	16.4	-	8.0	8.0	0	36	35	34	Y	6.23
22	03:00	36,643	0.62	344	223	-	15.7	16.4	-	8.0	8.0	0	36	35	34	Y	6.44
23	02:00	36,126	0.65	332	220	-	15.2	16.2	-	8.0	7.9	0	37	35	34	Y	6.26
24	22:00	36,020	0.65	342	226	-	15.1	16.0	-	8.0	7.9	0	38	35	35	Y	6.34
25	17:00	35,495	0.64	333	220	-	15.7	16.4	-	8.0	7.9	0	36	34	33	Y	6.42
26	22:00	34,008	0.64	355	230	-	16.1	16.5	-	7.9	7.9	0	34	33	32	Y	6.92
27	18:00	34,532	0.63	354	229	-	16.4	16.7	-	8.0	7.9	0	34	33	32	Y	6.91
28	00:00	35,568	0.64	336	219	-	16.1	16.4	-	8.0	7.9	0	35	34	33	Y	6.45
29	00:00	32,595	0.65	382	251	-	15.5	16.0	-	7.9	7.9	0	36	34	34	Y	7.28
30	05:00	30,659	0.66	394	264	-	15.6	16.1	-	7.9	7.8	0	35	34	33	Y	7.78
31	23:00	31,383	0.65	373	248	-	15.5	15.9	-	8.0	7.9	0	36	34	34	Y	7.18

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

Data**Out of Service Events****Basin**

OOS Start Date	OOS End Date	Comment
Oct 01, 2020	-	Basin OOS to remove required CT value

Data Alterations**Surface Water Readings**

Data for Day	Was Altered On	Because
Aug 15	Aug 15	Mtnce