

OHA - Drinking Water Program - Turbidity Monitoring Report Form

Conventional or Direct Filtration

County: Lane

System Name: Eugene Water & Electric

ID#: 4100287 WTP: WTP-A

Month/Year: May, 2022

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	0.034	0.034	0.034	0.034	0.037
02	0.036	0.039	0.038	0.038	0.038	0.038	0.039
03	0.038	0.038	0.039	0.038	0.033	0.034	0.039
04	0.033	0.033	0.034	0.035	0.033	0.032	0.035
05	0.032	0.033	0.034	0.034	0.038	0.039	0.039
06	0.038	0.038	0.039	0.038	0.033	0.033	0.039
07	0.035	0.035	0.038	0.035	0.035	0.035	0.038
08	0.035	0.035	0.035	0.035	0.035	0.035	0.035
09	0.036	0.033	0.033	0.033	0.033	0.035	0.036
10	0.034	0.034	0.033	0.032	0.032	0.032	0.034
11	0.033	0.032	0.032	0.032	0.038	0.032	0.038
12	0.032	0.038	0.034	0.034	0.033	0.033	0.038
13	0.032	0.033	0.033	0.033	0.041	0.032	0.041
14	0.035	0.034	0.035	0.037	0.039	0.033	0.039
15	0.033	0.036	0.035	0.033	0.032	0.032	0.036
16	0.031	0.032	0.035	0.032	0.032	0.032	0.035
17	0.031	0.031	0.031	0.031	0.033	0.032	0.033
18	0.033	0.032	0.032	0.032	0.032	0.032	0.033
19	0.032	0.034	0.031	0.030	0.030	0.030	0.034
20	0.030	0.030	0.030	0.031	0.031	0.031	0.031
21	0.031	0.031	0.032	0.031	0.031	0.031	0.032
22	0.031	0.031	0.032	0.032	0.035	0.033	0.035
23	0.032	0.033	0.033	0.033	0.033	0.033	0.033
24	0.033	0.032	0.032	0.035	0.034	0.035	0.035
25	0.034	0.034	0.034	0.034	0.034	0.035	0.035
26	0.034	0.034	0.034	0.035	0.036	0.036	0.036
27	0.035	0.034	0.035	0.034	0.034	0.035	0.035
28	0.039	0.034	0.033	0.033	0.033	0.037	0.039
29	0.036	0.036	0.036	0.035	0.035	0.036	0.036
30	0.036	0.036	0.036	0.041	0.034	0.034	0.041
31	0.034	0.033	0.036	0.034	0.036	0.035	0.036

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: 06/06/2022
		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: May, 2022

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	17,746	0.67	695	473	-	9.4	9.3	-	7.9	7.9	0	54	53	55	Y	8.79
02	12:00	17,841	0.64	677	442	-	9.3	9.4	-	7.9	7.9	0	54	52	54	Y	8.30
03	22:00	17,809	0.66	683	463	-	8.6	9.1	-	8.0	7.9	0	57	53	56	Y	8.39
04	20:00	18,054	0.66	671	459	-	8.9	9.1	-	7.9	7.9	0	55	54	54	Y	8.44
05	06:00	17,844	0.65	686	463	-	9.5	9.5	-	8.0	7.9	0	54	53	53	Y	8.69
06	21:00	17,715	0.67	689	481	-	9.3	9.6	-	8.0	7.9	0	55	54	53	Y	8.93
07	00:00	16,981	0.68	722	507	-	9.0	9.3	-	8.0	7.9	0	56	54	54	Y	9.27
08	05:00	20,080	0.68	601	425	-	8.3	8.8	-	8.0	8.0	0	59	57	57	Y	7.39
09	03:00	18,224	0.70	667	477	-	8.0	8.3	-	8.0	7.9	0	60	58	57	Y	8.16
10	14:00	17,436	0.68	694	486	-	8.1	8.3	-	8.0	7.9	0	60	59	58	Y	8.24
11	05:00	17,310	0.69	692	486	-	8.5	8.6	-	8.0	7.9	0	58	57	56	Y	8.56
12	14:00	17,627	0.71	684	491	-	8.8	9.1	-	7.9	7.8	0	56	53	53	Y	9.10
13	23:00	18,277	0.70	676	487	-	8.5	8.7	-	8.0	7.9	0	58	56	56	Y	8.62
14	08:00	17,910	0.66	696	468	-	8.6	8.8	-	7.9	7.9	0	57	56	56	Y	8.35
15	07:00	17,809	0.69	685	483	-	9.3	9.3	-	7.9	7.9	0	54	54	53	Y	8.99
16	11:00	19,367	0.68	631	430	-	9.8	9.9	-	7.9	8.0	0	53	54	53	Y	8.10
17	23:00	18,288	0.69	676	468	-	9.6	10.1	-	7.9	8.0	0	53	53	53	Y	8.77
18	12:00	20,927	0.68	394	266	-	10.0	10.2	-	7.9	8.0	0	52	52	0	Y	5.11
19	01:00	17,724	0.68	428	288	-	9.6	10.0	-	7.9	8.0	0	53	0	53	Y	5.43
20	21:00	21,249	0.68	355	242	-	9.5	9.9	-	7.9	8.0	0	53	0	54	Y	4.52
21	01:00	22,193	0.68	537	353	-	9.5	9.9	-	7.9	8.0	0	53	53	54	Y	6.66
22	23:00	21,697	0.70	545	367	-	10.1	10.2	-	7.9	8.0	0	51	52	53	Y	7.05
23	12:00	25,593	0.68	465	310	-	10.8	10.8	-	8.0	8.0	0	49	50	50	Y	6.20
24	07:00	24,270	0.68	489	322	-	11.4	11.5	-	8.0	8.0	0	48	47	48	Y	6.75
25	14:00	26,272	0.70	459	317	-	11.5	12.0	-	8.0	7.9	0	48	46	45	Y	6.89
26	06:00	24,171	0.70	495	342	-	11.9	12.2	-	7.9	7.9	0	45	44	44	Y	7.73
27	12:00	23,665	0.69	518	342	-	11.3	12.0	-	7.9	7.9	0	48	44	44	Y	7.57
28	04:00	20,515	0.71	590	413	-	10.5	11.3	-	8.0	7.9	0	51	47	47	Y	8.61
29	10:00	21,180	0.71	571	404	-	10.0	10.9	-	8.0	7.9	0	53	49	49	Y	8.04
30	16:00	25,340	0.72	470	331	-	9.9	10.8	-	7.9	7.9	0	52	49	49	Y	6.62
31	21:00	24,798	0.69	471	326	-	9.8	10.7	-	7.9	7.9	0	52	49	48	Y	6.62

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
Data

Month/Year: May, 2022

Out of Service Events		
Basin		
OOS Start Date	OOS End Date	Comment
Oct 01, 2020	-	Basin OOS to remove required CT value
45" Res Line		
OOS Start Date	OOS End Date	Comment
May 03, 2022	May 05, 2022	45" Chlorine at the Shack. Impacting CT.
60" Tie Line		
OOS Start Date	OOS End Date	Comment
May 18, 2022	May 18, 2022	60" chlorine at at intertie. (impact to CT)
45" Tie Line		
OOS Start Date	OOS End Date	Comment
May 19, 2022	May 20, 2022	45" chlorine at the intertie (Impact to CT)
Data Alterations		