

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: May, 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	0.033	0.033	0.034	0.030	0.031	0.034
02	0.031	0.030	0.034	0.034	0.033	0.033	0.034
03	0.034	0.033	0.033	0.033	0.033	0.034	0.034
04	0.034	0.034	0.034	0.034	0.034	0.031	0.034
05	0.031	0.031	0.030	0.030	0.030	0.030	0.031
06	0.031	0.030	0.030	0.030	0.029	0.030	0.031
07	0.030	0.030	0.031	0.030	0.031	0.032	0.032
08	0.032	0.036	0.035	0.035	0.035	0.035	0.036
09	0.035	0.035	0.035	0.034	0.034	0.035	0.035
10	0.034	0.030	0.031	0.031	0.031	0.030	0.034
11	0.030	0.032	0.032	0.031	0.040	0.031	0.040
12	0.032	0.031	0.032	0.031	0.030	0.036	0.036
13	0.036	0.035	0.036	0.036	0.036	0.037	0.037
14	0.037	0.039	0.032	0.033	0.036	0.037	0.039
15	0.037	0.036	0.040	0.035	0.036	0.040	0.040
16	0.036	0.032	0.032	0.035	0.039	0.036	0.039
17	0.036	0.036	0.036	0.036	0.037	0.037	0.037
18	0.036	0.036	0.038	0.032	0.032	0.033	0.038
19	0.032	0.032	0.036	0.036	0.037	0.038	0.038
20	0.037	0.036	0.037	0.038	0.033	0.034	0.038
21	0.033	0.035	0.033	0.032	0.033	0.033	0.035
22	0.035	0.037	0.036	0.036	0.038	0.035	0.038
23	0.036	0.031	0.031	0.030	0.033	0.034	0.036
24	0.032	0.031	0.037	0.035	0.035	0.036	0.037
25	0.036	0.035	0.035	0.030	0.032	0.032	0.036
26	0.032	0.035	0.033	0.037	0.037	0.037	0.037
27	0.036	0.036	0.036	0.036	0.037	0.037	0.037
28	0.036	0.032	0.032	0.032	0.037	0.031	0.037
29	0.031	0.037	0.037	0.037	0.037	0.037	0.037
30	0.037	0.033	0.034	0.033	0.033	0.033	0.037
31	0.038	0.037	0.038	0.037	0.039	0.040	0.040

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: 06/06/2023
	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: May, 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	02:00	16,739	0.63	757	489	-	9.9	9.6	-	8.0	7.9	0	52	51	53	Y	9.40
02	12:00	17,529	0.62	717	463	-	9.4	9.1	-	7.9	7.9	0	53	52	54	Y	8.69
03	14:00	17,532	0.63	704	455	-	9.5	9.1	-	7.9	7.9	0	54	53	54	Y	8.48
04	10:00	17,698	0.60	691	429	-	10.0	9.9	-	7.9	8.0	0	51	52	52	Y	8.29
05	12:00	15,740	0.62	793	507	-	9.2	9.8	-	8.0	7.9	0	55	53	52	Y	9.55
06	15:00	16,363	0.63	767	499	-	8.9	9.6	-	8.0	7.9	0	56	54	53	Y	9.19
07	06:00	15,421	0.62	827	531	-	8.9	9.4	-	8.0	8.0	0	56	55	55	Y	9.60
08	15:00	16,498	0.61	773	484	-	9.1	9.4	-	8.0	7.9	0	56	53	54	Y	8.93
09	17:00	17,710	0.63	686	439	-	8.7	9.2	-	7.9	7.9	0	56	54	56	Y	7.98
10	06:00	21,188	0.62	568	362	-	9.4	9.6	-	8.0	7.9	0	56	52	54	Y	6.74
11	22:00	19,682	0.65	610	391	-	10.3	10.3	-	8.0	7.9	0	52	50	51	Y	7.72
12	04:00	21,489	0.64	584	368	-	10.9	10.7	-	8.0	7.9	0	49	48	49	Y	7.58
13	12:00	25,635	0.63	474	298	-	11.6	11.6	-	8.0	7.8	0	47	45	45	Y	6.54
14	23:00	29,741	0.63	412	255	-	12.1	12.1	-	8.0	7.8	0	46	43	43	Y	5.78
15	23:00	28,505	0.62	297	180	-	11.9	12.4	-	8.1	8.1	0	48	47	0	Y	3.81
16	02:00	31,439	0.60	267	158	-	11.3	12.0	-	8.0	7.9	0	49	45	0	Y	3.39
17	08:00	25,804	0.62	484	297	-	11.5	12.0	-	8.0	7.9	0	48	44	44	Y	6.54
18	05:00	26,719	0.63	478	298	-	11.6	12.2	-	8.1	7.9	0	49	44	45	Y	6.49
19	07:00	28,967	0.62	426	264	-	11.7	12.3	-	8.0	8.0	0	47	45	45	Y	5.83
20	23:00	28,709	0.63	415	262	-	12.0	12.6	-	8.0	7.9	0	46	43	43	Y	5.99
21	10:00	27,303	0.61	445	273	-	11.5	12.4	-	8.0	7.9	0	48	44	44	Y	6.07
22	20:00	28,134	0.64	445	286	-	10.7	11.8	-	8.0	8.0	0	51	46	46	Y	6.01
23	22:00	28,424	0.63	446	287	-	10.6	11.7	-	8.1	8.0	0	52	47	47	Y	5.96
24	01:00	29,207	0.63	427	271	-	10.6	11.8	-	8.0	8.0	0	51	46	47	Y	5.67
25	13:00	29,249	0.64	416	265	-	11.2	12.3	-	7.9	7.9	0	48	43	45	Y	5.89
26	20:00	30,415	0.65	396	250	-	12.1	13.0	-	7.9	8.0	0	45	44	43	Y	5.71
27	01:00	28,181	0.65	437	277	-	12.7	13.5	-	7.9	7.9	0	43	43	41	Y	6.61
28	06:00	29,518	0.64	423	273	-	12.2	13.3	-	7.9	7.9	0	44	43	41	Y	6.41
29	02:00	34,400	0.65	354	233	-	12.4	13.6	-	8.0	8.0	0	44	43	41	Y	5.41
30	23:00	30,923	0.63	393	252	-	12.7	12.1	-	8.0	7.9	0	44	47	44	Y	5.57
31	00:00	29,346	0.64	418	272	-	12.2	11.8	-	7.9	7.9	0	45	48	45	Y	5.91

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: May, 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
May 03, 2023	May 04, 2023	60" Chlorine at Sample Shack.
60" Tie Line		
OOS Start Date	OOS End Date	Comment
May 15, 2023	May 16, 2023	60" Chlorine at intertie OOS for mtnce.

Data Alterations

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