

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: Apr, 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	0.032	0.032	0.036	0.032	0.033	0.033	0.036
02	0.032	0.032	0.032	0.031	0.032	0.031	0.032
03	0.034	0.033	0.033	0.033	0.033	0.033	0.034
04	0.033	0.033	0.033	0.034	0.033	0.033	0.034
05	0.034	0.033	0.042	0.038	0.037	0.036	0.042
06	0.036	0.041	0.036	0.036	0.035	0.038	0.041
07	0.035	0.037	0.032	0.034	0.031	0.040	0.040
08	0.032	0.034	0.036	0.036	0.036	0.036	0.036
09	0.037	0.037	0.036	0.036	0.036	0.036	0.037
10	0.036	0.037	0.033	0.034	0.034	0.035	0.037
11	0.034	0.034	0.034	0.034	0.040	0.034	0.040
12	0.033	0.036	0.038	0.037	0.037	0.037	0.038
13	0.037	0.037	0.037	0.041	0.035	0.035	0.041
14	0.034	0.035	0.034	0.034	0.034	0.034	0.035
15	0.033	0.033	0.032	0.032	0.033	0.034	0.034
16	0.034	0.033	0.032	0.031	0.031	0.032	0.034
17	0.038	0.037	0.037	0.037	0.037	0.038	0.038
18	0.038	0.037	0.036	0.033	0.033	0.035	0.038
19	0.036	0.035	0.035	0.035	0.035	0.033	0.036
20	0.034	0.033	0.033	0.033	0.033	0.033	0.034
21	0.033	0.033	0.034	0.038	0.037	0.038	0.038
22	0.038	0.037	0.037	0.037	0.037	0.037	0.038
23	0.037	0.036	0.032	0.032	0.033	0.036	0.037
24	0.036	0.035	0.035	0.035	0.035	0.035	0.036
25	0.036	0.036	0.036	0.038	0.038	0.038	0.038
26	0.038	0.037	0.037	0.037	0.037	0.037	0.038
27	0.037	0.037	0.037	0.038	0.032	0.033	0.038
28	0.034	0.034	0.033	0.032	0.033	0.033	0.034
29	0.036	0.034	0.035	0.039	0.038	0.037	0.039
30	0.037	0.037	0.037	0.036	0.037	0.041	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: 05/02/2022
	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: Apr, 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	23:00	17,167	0.64	700	465	-	8.5	8.7	-	7.9	7.8	0	57	54	56	Y	8.39
02	23:00	17,513	0.64	684	454	-	8.6	8.7	-	7.9	7.9	0	57	55	57	Y	8.09
03	22:00	17,719	0.62	683	444	-	9.2	9.0	-	8.0	7.9	0	55	55	56	Y	8.00
04	04:00	17,909	0.61	685	434	-	9.1	9.2	-	8.0	7.9	0	56	54	56	Y	7.89
05	05:00	17,264	0.67	700	468	-	8.4	8.7	-	8.0	8.0	0	59	56	57	Y	8.16
06	20:00	17,661	0.65	686	448	-	8.1	8.5	-	8.0	8.0	0	60	58	59	Y	7.63
07	07:00	20,285	0.62	593	372	-	8.6	8.6	-	8.0	8.0	0	57	57	57	Y	6.54
08	05:00	17,905	0.65	686	447	-	9.4	9.2	-	7.9	7.9	0	54	53	54	Y	8.32
09	04:00	17,609	0.67	700	468	-	9.5	9.8	-	7.9	7.9	0	54	52	53	Y	8.86
10	08:00	17,842	0.68	682	456	-	8.4	9.0	-	7.9	7.9	0	58	54	55	Y	8.23
11	21:00	18,307	0.67	661	440	-	7.6	7.8	-	7.9	7.9	0	61	59	60	Y	7.33
12	23:00	17,941	0.67	681	471	-	7.2	7.3	-	7.9	7.9	0	60	61	64	Y	7.64
13	05:00	17,521	0.65	687	461	-	6.6	7.0	-	7.9	7.9	0	64	60	63	Y	7.40
14	08:00	18,074	0.66	665	443	-	6.6	7.0	-	7.9	7.9	0	64	61	63	Y	7.09
15	23:00	18,072	0.68	674	466	-	6.8	7.3	-	7.9	7.9	0	63	60	62	Y	7.58
16	23:00	16,967	0.66	721	477	-	7.4	7.7	-	7.9	7.9	0	62	59	61	Y	7.91
17	00:00	17,941	0.66	674	443	-	7.7	7.8	-	7.9	7.9	0	60	59	60	Y	7.48
18	03:00	17,290	0.68	689	457	-	7.4	7.7	-	7.9	7.9	0	61	59	60	Y	7.62
19	20:00	17,796	0.68	681	458	-	7.4	7.8	-	8.0	7.9	0	64	59	60	Y	7.57
20	04:00	17,779	0.66	688	457	-	7.3	7.7	-	8.0	7.9	0	63	59	61	Y	7.49
21	07:00	17,614	0.69	689	468	-	7.3	7.7	-	7.9	7.8	0	60	57	58	Y	8.06
22	22:00	15,869	0.68	753	504	-	8.1	8.0	-	8.0	7.9	0	61	58	60	Y	8.50
23	08:00	17,938	0.66	671	439	-	8.8	8.6	-	8.0	7.9	0	56	56	57	Y	7.77
24	08:00	18,759	0.65	658	422	-	9.2	9.1	-	8.0	7.9	0	56	54	55	Y	7.68
25	19:00	18,041	0.68	679	449	-	9.6	9.5	-	8.0	7.9	0	54	53	53	Y	8.44
26	04:00	17,148	0.68	713	470	-	8.7	8.9	-	7.9	7.9	0	57	55	55	Y	8.47
27	22:00	17,015	0.64	722	472	-	8.8	8.9	-	7.9	7.8	0	55	53	54	Y	8.75
28	23:00	17,892	0.66	679	438	-	9.0	9.0	-	8.0	7.9	0	56	54	56	Y	7.98
29	02:00	16,900	0.65	724	481	-	8.9	8.9	-	7.9	7.9	0	55	54	56	Y	8.80
30	07:00	17,451	0.67	708	479	-	9.3	9.1	-	7.9	7.9	0	54	54	56	Y	8.80

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

45" Res Line

OOS Start Date	OOS End Date	Comment
Apr 05, 2022	Apr 06, 2022	45" pH at shack OOS. Maintenance.
Apr 11, 2022	Apr 12, 2022	45" chlorine at the shack
Apr 17, 2022	Apr 17, 2022	45" Chlorine at shack dropped out. Instrument issue.
Apr 18, 2022	Apr 19, 2022	45" Rosemount chlorine at shack. Impacting CT.

Data Alterations

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