

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: Oct, 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	0.034	0.033	0.033	0.033	0.032	0.034
02	0.032	0.034	0.033	0.034	0.033	0.033	0.034
03	0.032	0.032	0.032	0.031	0.030	0.033	0.033
04	0.034	0.034	0.034	0.034	0.035	0.034	0.035
05	0.034	0.039	0.033	0.033	0.032	0.034	0.039
06	0.034	0.039	0.033	0.033	0.033	0.032	0.039
07	0.033	0.032	0.032	0.034	0.032	0.032	0.034
08	0.032	0.035	0.036	0.036	0.035	0.035	0.036
09	0.035	0.034	0.035	0.035	0.033	0.033	0.035
10	0.035	0.032	0.035	0.035	0.035	0.035	0.035
11	0.034	0.035	0.035	0.035	0.035	0.038	0.038
12	0.037	0.036	0.039	0.037	0.037	0.037	0.039
13	0.037	0.037	0.037	0.037	0.041	0.035	0.041
14	0.034	0.034	0.033	0.034	0.034	0.034	0.034
15	0.034	0.034	0.034	0.033	0.032	0.033	0.034
16	0.032	0.032	0.032	0.033	0.034	0.034	0.034
17	0.034	0.033	0.033	0.033	0.033	0.034	0.034
18	0.034	0.033	0.037	0.033	0.031	0.032	0.037
19	0.031	0.030	0.030	0.029	0.031	0.031	0.031
20	0.030	0.030	0.029	0.031	0.031	0.031	0.031
21	0.032	0.031	0.030	0.030	0.030	0.035	0.035
22	0.031	0.030	0.034	0.032	0.032	0.032	0.034
23	0.032	0.032	0.031	0.032	0.031	0.032	0.032
24	0.032	0.032	0.031	0.033	0.033	0.032	0.033
25	0.030	0.030	0.030	0.031	0.031	0.032	0.032
26	0.033	0.033	0.033	0.036	0.033	0.034	0.036
27	0.033	0.035	0.035	0.033	0.033	0.031	0.035
28	0.032	0.031	0.030	0.030	0.029	0.029	0.032
29	0.030	0.032	0.032	0.029	0.030	0.029	0.032
30	0.030	0.029	0.028	0.029	0.031	0.031	0.031
31	0.031	0.030	0.030	0.030	0.030	0.030	0.031

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: 11/07/2023
		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: Oct, 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	21:00	22,311	0.68	548	376	-	12.2	12.4	-	8.0	7.9	0	45	44	44	Y	8.42
02	05:00	21,582	0.67	565	383	-	11.7	11.9	-	8.0	8.0	0	47	46	46	Y	8.31
03	18:00	21,691	0.68	570	392	-	11.7	11.9	-	7.9	7.9	0	46	45	46	Y	8.59
04	22:00	21,386	0.67	579	387	-	11.8	12.0	-	7.9	7.9	0	45	45	45	Y	8.63
05	18:00	21,670	0.65	572	372	-	12.3	12.3	-	7.9	7.8	0	44	42	43	Y	8.62
06	19:00	21,007	0.65	586	381	-	12.6	12.6	-	7.9	7.9	0	43	42	43	Y	8.97
07	19:00	20,234	0.65	603	395	-	13.1	13.0	-	7.9	7.9	0	42	41	41	Y	9.53
08	20:00	22,253	0.64	547	352	-	13.2	13.2	-	7.9	7.9	0	42	40	41	Y	8.67
09	06:00	21,100	0.64	583	370	-	12.8	12.8	-	8.0	7.8	0	43	41	42	Y	8.82
10	23:00	21,757	0.63	570	361	-	12.0	12.2	-	8.1	7.9	0	48	44	45	Y	7.93
11	00:00	20,786	0.63	607	390	-	11.5	11.9	-	8.1	8.0	0	50	46	46	Y	8.23
12	23:00	20,386	0.61	609	382	-	11.3	11.8	-	8.0	7.8	0	48	44	44	Y	8.42
13	07:00	18,720	0.60	648	389	-	11.6	11.9	-	8.0	7.8	0	48	43	43	Y	8.71
14	01:00	18,380	0.65	656	426	-	11.4	11.7	-	8.1	7.8	0	49	44	45	Y	9.34
15	23:00	20,863	0.66	583	385	-	11.5	11.7	-	8.1	7.9	0	49	45	45	Y	8.37
16	10:00	21,783	0.64	559	353	-	12.0	12.0	-	8.1	7.9	0	47	45	45	Y	7.78
17	05:00	20,555	0.63	606	378	-	12.1	12.3	-	8.0	7.9	0	45	44	44	Y	8.53
18	08:00	21,515	0.65	570	375	-	12.2	12.3	-	7.9	7.9	0	45	44	44	Y	8.46
19	23:00	19,622	0.64	639	413	-	12.0	12.3	-	8.0	7.9	0	45	44	44	Y	9.24
20	00:00	20,933	0.64	590	378	-	12.1	12.3	-	8.1	8.0	0	47	44	45	Y	8.35
21	07:00	19,264	0.66	628	409	-	12.8	12.4	-	8.1	8.0	0	46	44	44	Y	9.13
22	20:00	21,577	0.69	569	387	-	12.5	12.2	-	8.2	7.9	0	48	44	45	Y	8.48
23	21:00	19,969	0.67	609	412	-	12.5	12.2	-	8.2	7.9	0	49	44	44	Y	9.08
24	23:00	19,786	0.65	615	403	-	12.2	12.1	-	8.1	7.9	0	48	44	45	Y	8.88
25	00:00	20,856	0.66	597	386	-	11.6	11.5	-	8.2	7.9	0	51	46	47	Y	8.05
26	21:00	20,606	0.65	595	388	-	11.1	11.1	-	8.2	8.0	0	53	48	48	Y	7.87
27	00:00	20,058	0.65	616	397	-	10.4	10.4	-	7.9	7.9	0	51	50	51	Y	7.90
28	00:00	19,696	0.68	634	424	-	9.7	9.8	-	8.0	8.0	0	53	52	53	Y	8.06
29	20:00	19,162	0.68	637	431	-	9.2	9.3	-	8.0	7.9	0	56	54	54	Y	7.92
30	02:00	20,199	0.67	595	398	-	9.0	9.1	-	8.0	8.0	0	56	55	56	Y	7.17
31	04:00	19,412	0.68	621	419	-	9.0	9.1	-	8.0	8.0	0	57	55	56	Y	7.49

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

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