

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: Nov, 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	0.030	0.029	0.027	0.027	0.027	0.027	0.030
02	0.026	0.028	0.027	0.027	0.028	0.028	0.028
03	0.028	0.028	0.029	0.030	0.028	0.030	0.030
04	0.030	0.029	0.029	0.028	0.029	0.029	0.030
05	0.029	0.032	0.054	0.042	0.043	0.040	0.054
06	0.038	0.037	0.036	0.041	0.033	0.035	0.041
07	0.038	0.044	0.032	0.033	0.033	0.041	0.044
08	0.034	0.036	0.035	0.030	0.033	0.029	0.036
09	0.029	0.033	0.039	0.029	0.028	0.028	0.039
10	0.028	0.030	0.030	0.030	0.030	0.031	0.031
11	0.032	0.035	0.034	0.028	0.028	0.029	0.035
12	0.029	0.032	0.048	0.030	0.031	0.031	0.048
13	0.029	0.029	0.028	0.028	0.028	0.029	0.029
14	0.029	0.033	0.031	0.031	0.031	0.031	0.033
15	0.031	0.031	0.033	0.029	0.029	0.028	0.033
16	0.028	0.028	0.028	0.029	0.032	0.029	0.032
17	0.032	0.033	0.033	0.026	0.028	0.027	0.033
18	0.028	0.027	0.029	0.029	0.028	0.028	0.029
19	0.028	0.028	0.028	0.027	0.027	0.031	0.031
20	0.030	0.031	0.030	0.031	0.031	0.032	0.032
21	0.029	0.028	0.028	0.028	0.029	0.028	0.029
22	0.032	0.027	0.027	0.027	0.027	0.027	0.032
23	0.028	0.034	0.035	0.028	0.028	0.029	0.035
24	0.030	0.028	0.026	0.027	0.026	0.029	0.030
25	0.030	0.046	0.032	0.033	0.027	0.027	0.046
26	0.028	0.027	0.030	0.037	0.029	0.026	0.037
27	0.026	0.026	0.032	0.057	0.029	0.029	0.057
28	0.026	0.026	0.026	0.025	0.026	0.026	0.026
29	0.029	0.027	0.035	0.030	0.037	0.026	0.037
30	0.035	0.027	0.026	0.026	0.026	0.028	0.035

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: 12/05/2023
	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: Nov, 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	09:00	21,024	0.67	579	390	-	9.5	9.2	-	8.0	8.0	0	54	55	55	Y	7.11
02	12:00	21,626	0.68	555	381	-	9.9	9.6	-	7.9	7.9	0	52	51	52	Y	7.34
03	22:00	20,299	0.67	608	412	-	10.8	10.2	-	7.9	7.9	0	49	50	50	Y	8.34
04	18:00	18,530	0.66	669	441	-	11.3	10.6	-	7.9	7.8	0	46	48	48	Y	9.32
05	22:00	19,461	0.64	632	407	-	11.7	11.0	-	7.8	7.8	0	45	46	46	Y	8.92
06	01:00	19,143	0.64	642	400	-	11.5	11.2	-	7.9	7.8	0	46	45	46	Y	8.74
07	04:00	18,036	0.64	669	422	-	10.9	10.8	-	7.9	7.8	0	48	47	48	Y	8.86
08	00:00	18,450	0.68	647	430	-	10.3	10.3	-	8.0	7.9	0	51	49	50	Y	8.56
09	00:00	18,341	0.69	645	438	-	9.7	9.7	-	8.0	7.9	0	54	51	52	Y	8.37
10	23:00	18,561	0.70	656	454	-	9.5	9.4	-	8.0	7.9	0	55	53	54	Y	8.43
11	22:00	18,320	0.68	663	448	-	9.5	9.4	-	8.0	7.9	0	54	53	54	Y	8.37
12	17:00	18,693	0.67	659	439	-	9.4	9.3	-	7.9	7.9	0	54	52	53	Y	8.28
13	16:00	18,825	0.66	658	436	-	9.5	9.4	-	7.9	7.9	0	53	53	53	Y	8.24
14	21:00	19,852	0.65	615	410	-	9.3	9.5	-	7.9	7.9	0	54	52	52	Y	7.75
15	17:00	18,682	0.65	643	429	-	9.1	9.4	-	8.0	7.9	0	55	53	53	Y	8.00
16	23:00	18,446	0.64	660	443	-	9.3	9.5	-	7.9	7.9	0	53	53	53	Y	8.36
17	02:00	17,927	0.63	687	452	-	9.0	9.4	-	7.9	7.9	0	55	54	53	Y	8.39
18	20:00	18,002	0.65	689	466	-	8.6	9.0	-	8.0	7.9	0	57	55	56	Y	8.31
19	19:00	18,932	0.64	666	445	-	8.4	8.8	-	7.9	7.9	0	57	56	56	Y	7.87
20	05:00	18,890	0.63	655	431	-	7.8	8.6	-	8.0	8.0	0	61	58	58	Y	7.36
21	22:00	18,672	0.62	663	432	-	7.4	8.1	-	7.9	7.9	0	61	58	59	Y	7.28
22	17:00	18,525	0.62	675	441	-	7.7	8.0	-	7.9	7.9	0	59	58	59	Y	7.50
23	18:00	15,970	0.62	772	506	-	7.6	8.1	-	7.8	7.9	0	58	57	58	Y	8.78
24	07:00	17,480	0.62	703	461	-	7.3	8.0	-	7.9	7.9	0	61	57	58	Y	7.88
25	23:00	18,387	0.64	659	448	-	6.1	7.0	-	7.9	7.9	0	66	62	63	Y	7.07
26	20:00	18,478	0.63	662	438	-	5.3	6.1	-	7.9	7.9	0	70	66	67	Y	6.48
27	04:00	17,594	0.63	679	450	-	4.8	5.6	-	7.9	7.9	0	74	69	70	Y	6.38
28	00:00	17,660	0.65	672	453	-	4.4	5.4	-	7.9	7.9	0	75	70	71	Y	6.30
29	22:00	20,420	0.65	582	389	-	4.3	5.2	-	7.9	7.9	0	76	72	72	Y	5.34
30	00:00	26,983	0.65	448	298	-	4.3	5.1	-	7.9	7.9	0	76	71	72	Y	4.12

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" Tie Line		
OOS Start Date	OOS End Date	Comment
Dec 05, 2023	-	45 pH and Cl2 at intertie OOS for maintenance
45" Res Line		
OOS Start Date	OOS End Date	Comment
Dec 05, 2023	-	45 pH and Cl2 at sample shack OOS for maintenance

Data Alterations

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