

OHA - Drinking Water Program - Turbidity Monitoring Report Form

Conventional or Direct Filtration

County: Lane

System Name: Eugene Water & Electric Board ID#: 4100287 WTP: WTP-A Month/Year: Mar, 2024

Day	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Daily Maximum (NTU) ¹
01	0.029	0.029	0.032	0.031	0.031	0.030	0.032
02	0.030	0.030	0.037	0.030	0.030	0.030	0.037
03	0.029	0.027	0.029	0.026	0.031	0.031	0.031
04	0.030	0.031	0.030	0.031	0.029	0.029	0.031
05	0.029	0.029	0.029	0.028	0.028	0.027	0.029
06	0.027	0.028	0.028	0.029	0.029	0.028	0.029
07	0.028	0.030	0.029	0.029	0.029	0.029	0.030
08	0.029	0.027	0.027	0.027	0.029	0.028	0.029
09	0.028	0.028	0.028	0.027	0.027	0.028	0.028
10	0.028	0.028	0.027	0.027	0.029	0.029	0.029
11	0.029	0.030	0.029	0.028	0.029	0.029	0.030
12	0.029	0.029	-1.000	0.033	0.029	0.029	0.033
13	0.030	0.030	0.029	0.031	0.030	0.031	0.031
14	0.030	0.030	0.029	0.029	0.028	0.026	0.030
15	0.026	0.026	0.027	0.026	0.026	0.026	0.027
16	0.026	0.026	0.026	0.028	0.027	0.030	0.030
17	0.028	0.028	0.029	0.029	0.029	0.029	0.029
18	0.028	0.029	0.028	0.030	0.030	0.030	0.030
19	0.030	0.029	0.029	0.028	0.028	0.028	0.030
20	0.028	0.027	0.029	0.029	0.030	0.030	0.030
21	0.029	0.030	0.029	0.029	0.029	0.030	0.030
22	0.028	0.031	0.030	0.030	0.030	0.030	0.031
23	0.029	0.030	0.029	0.029	0.029	0.030	0.030
24	0.032	0.031	0.031	0.031	0.031	0.030	0.032
25	0.029	0.028	0.028	0.028	0.028	0.031	0.031
26	0.031	0.031	0.031	0.031	0.031	0.032	0.032
27	0.032	0.031	-1.000	0.032	0.031	0.030	0.032
28	0.034	0.032	0.032	0.033	0.032	0.032	0.034
29	0.033	0.032	0.032	0.032	0.031	0.031	0.033
30	0.031	0.031	0.031	0.029	0.032	0.031	0.032
31	0.030	0.030	0.030	0.030	0.031	0.037	0.037

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: 04/02/2024
	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: Mar, 2024

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	19,987	0.63	613	373	-	5.5	6.2	-	7.9	7.9	0	70	64	66	Y	5.62
02	09:00	19,149	0.62	626	379	-	5.4	6.1	-	8.0	7.9	0	71	66	68	Y	5.55
03	11:00	20,114	0.66	578	368	-	5.4	6.1	-	8.0	7.9	0	72	66	67	Y	5.40
04	00:00	20,478	0.67	556	356	-	5.1	5.9	-	8.0	7.9	0	73	67	68	Y	5.17
05	13:00	18,897	0.66	645	403	-	5.0	5.7	-	9.6	9.4	0	136	117	124	Y	3.23
06	21:00	18,707	0.66	663	425	-	5.2	5.8	-	8.2	8.1	0	79	73	71	Y	5.72
07	06:00	17,993	0.65	678	450	-	5.4	6.0	-	8.3	8.1	0	80	71	73	Y	6.07
08	20:00	19,885	0.64	610	394	-	5.3	6.0	-	8.2	8.1	0	78	70	71	Y	5.43
09	08:00	18,310	0.63	673	432	-	5.8	6.1	-	8.2	8.0	0	76	69	70	Y	6.08
10	16:00	19,621	0.62	634	417	-	6.1	6.5	-	8.1	8.0	0	72	66	67	Y	6.13
11	15:00	19,192	0.64	441	277	-	7.3	6.8	-	8.4	8.1	0	74	69	0	Y	3.88
12	06:00	19,682	0.66	633	410	-	6.1	6.8	-	8.3	8.1	0	76	69	69	Y	5.78
13	12:00	18,319	0.67	674	443	-	6.3	6.9	-	8.3	8.1	0	75	67	70	Y	6.27
14	05:00	20,369	0.69	601	401	-	6.3	7.0	-	8.0	7.9	0	69	63	67	Y	6.06
15	23:00	18,222	0.69	669	447	-	6.4	7.1	-	8.0	8.0	0	68	64	68	Y	6.72
16	12:00	20,786	0.67	603	389	-	6.9	7.3	-	8.0	8.0	0	65	63	66	Y	6.02
17	01:00	21,293	0.68	581	381	-	7.3	7.7	-	7.9	7.9	0	62	60	64	Y	6.14
18	23:00	20,831	0.67	583	384	-	7.6	8.0	-	7.9	7.9	0	60	59	62	Y	6.36
19	08:00	21,244	0.66	570	366	-	7.8	8.2	-	8.0	7.9	0	62	58	61	Y	6.09
20	04:00	18,699	0.65	669	434	-	7.8	8.5	-	8.0	7.9	0	62	55	56	Y	7.52
21	22:00	20,999	0.67	579	378	-	7.6	8.4	-	8.1	7.9	0	64	56	57	Y	6.46
22	13:00	18,796	0.66	640	413	-	7.5	8.4	-	8.1	7.9	0	64	56	57	Y	7.04
23	17:00	20,797	0.67	582	376	-	6.9	8.0	-	8.1	7.9	0	68	58	59	Y	6.16
24	11:00	19,526	0.66	638	410	-	6.8	7.9	-	8.1	7.9	0	69	59	60	Y	6.63
25	23:00	20,341	0.67	608	392	-	6.6	7.7	-	8.1	7.9	0	68	59	59	Y	6.35
26	00:00	20,169	0.67	595	392	-	6.6	7.7	-	8.0	7.8	0	67	58	59	Y	6.45
27	12:00	19,731	0.63	597	384	-	7.0	7.8	-	7.8	7.8	0	61	58	58	Y	6.54
28	03:00	20,606	0.66	581	383	-	6.7	7.8	-	7.9	7.8	0	63	58	58	Y	6.45
29	23:00	19,495	0.64	606	394	-	6.3	7.5	-	7.9	7.8	0	65	59	60	Y	6.51
30	01:00	18,487	0.63	651	411	-	6.6	7.7	-	7.9	7.8	0	63	58	58	Y	6.92
31	07:00	18,742	0.65	655	431	-	7.2	7.9	-	7.9	7.8	0	61	57	58	Y	7.34

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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