

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, 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	0.029	0.030	0.030	0.031	0.032	0.032	0.032
02	0.032	0.032	0.033	0.032	0.031	0.031	0.033
03	0.032	0.031	0.032	0.032	0.031	0.032	0.032
04	0.031	0.032	0.031	0.031	0.031	0.031	0.032
05	0.031	0.031	0.032	0.031	0.031	0.030	0.032
06	0.030	0.030	0.030	0.029	0.031	0.031	0.031
07	0.030	0.031	0.032	0.032	0.032	0.032	0.032
08	0.032	0.032	0.032	0.031	0.030	0.030	0.032
09	0.030	0.030	0.031	0.030	0.034	0.032	0.034
10	0.031	0.031	0.031	0.031	0.032	0.032	0.032
11	0.032	0.032	0.033	0.035	0.035	0.035	0.035
12	0.035	0.035	0.035	0.035	0.030	0.030	0.035
13	0.030	0.034	0.029	0.030	0.029	0.029	0.034
14	0.030	0.032	0.031	0.030	0.030	0.030	0.032
15	0.030	0.030	0.030	0.030	0.030	0.028	0.030
16	0.030	0.029	0.029	0.029	0.029	0.029	0.030
17	0.029	0.030	0.028	0.029	0.031	0.030	0.031
18	0.036	0.035	0.035	0.035	0.034	0.034	0.036
19	0.035	0.034	0.034	0.034	0.034	0.032	0.035
20	0.032	0.033	0.032	0.029	0.029	0.030	0.033
21	0.029	0.029	0.031	0.031	0.032	0.033	0.033
22	0.033	0.032	0.032	0.032	0.032	0.033	0.033
23	0.038	0.037	0.040	0.030	0.031	0.031	0.040
24	0.031	0.031	0.031	0.031	0.034	0.033	0.034
25	0.033	0.033	0.033	0.033	0.037	0.035	0.037
26	0.035	0.035	0.034	0.035	0.035	0.035	0.035
27	0.035	0.035	0.035	0.035	0.035	0.031	0.035
28	0.032	0.031	0.031	0.031	0.031	0.031	0.032
29	0.031	0.031	0.031	0.031	0.031	0.033	0.033
30	0.031	0.034	0.034	0.034	0.034	0.033	0.034

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: 05/03/2023
	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: Apr, 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	08:00	14,812	0.64	843	540	-	7.2	7.1	-	7.9	7.9	0	62	61	61	Y	8.78
02	06:00	15,592	0.66	798	521	-	7.1	7.2	-	7.9	7.9	0	62	61	61	Y	8.47
03	22:00	15,147	0.64	813	523	-	6.9	7.0	-	7.9	7.9	0	63	62	62	Y	8.43
04	01:00	14,949	0.64	816	520	-	6.8	6.9	-	7.9	7.9	0	64	62	62	Y	8.28
05	03:00	15,361	0.66	798	523	-	6.7	6.9	-	8.0	7.9	0	65	64	64	Y	8.15
06	07:00	14,677	0.66	840	564	-	7.2	7.0	-	7.9	7.9	0	61	63	63	Y	9.04
07	05:00	15,349	0.65	802	535	-	7.8	7.4	-	7.8	7.9	0	57	60	61	Y	8.99
08	23:00	14,939	0.66	833	557	-	8.1	7.7	-	7.8	7.9	0	56	59	60	Y	9.52
09	23:00	15,487	0.64	807	530	-	8.3	7.9	-	7.9	7.9	0	56	59	59	Y	9.17
10	17:00	16,038	0.62	780	496	-	8.4	8.1	-	7.9	7.9	0	56	58	58	Y	8.62
11	00:00	15,100	0.65	820	535	-	8.2	8.0	-	7.9	7.9	0	56	58	58	Y	9.27
12	00:00	15,314	0.67	808	535	-	7.9	7.9	-	7.9	7.9	0	58	58	58	Y	9.19
13	20:00	15,810	0.65	784	521	-	7.6	7.8	-	7.9	7.9	0	60	60	59	Y	8.73
14	00:00	15,251	0.66	820	551	-	7.7	7.8	-	7.9	7.9	0	59	60	59	Y	9.27
15	07:00	14,103	0.68	894	624	-	8.4	8.0	-	7.9	7.9	0	57	59	58	Y	10.75
16	19:00	15,309	0.65	823	551	-	8.5	8.4	-	7.9	7.9	0	57	57	57	Y	9.65
17	00:00	15,841	0.66	780	523	-	8.0	8.2	-	7.9	7.9	0	59	59	58	Y	8.94
18	00:00	15,224	0.69	797	563	-	7.6	7.8	-	7.9	7.9	0	60	60	60	Y	9.38
19	23:00	14,995	0.64	802	523	-	7.6	7.8	-	7.9	7.9	0	60	60	60	Y	8.74
20	03:00	15,294	0.62	789	503	-	7.4	7.6	-	7.9	7.9	0	60	59	60	Y	8.43
21	03:00	15,299	0.65	786	520	-	7.4	7.6	-	7.9	7.9	0	61	60	60	Y	8.68
22	21:00	15,493	0.64	783	518	-	7.8	7.7	-	7.9	7.9	0	59	60	59	Y	8.73
23	07:00	16,161	0.62	758	485	-	9.0	8.3	-	7.9	7.9	0	54	57	57	Y	8.64
24	23:00	16,203	0.65	772	505	-	9.2	9.0	-	7.9	7.9	0	54	54	54	Y	9.33
25	18:00	16,967	0.65	738	486	-	9.0	8.7	-	7.9	7.9	0	54	55	55	Y	8.85
26	10:00	17,383	0.64	716	436	-	9.3	8.7	-	7.9	7.9	0	53	55	54	Y	8.07
27	08:00	17,340	0.64	711	429	-	10.2	9.3	-	7.9	7.9	0	50	52	52	Y	8.37
28	16:00	17,152	0.61	718	463	-	10.8	10.0	-	7.9	7.9	0	48	49	50	Y	9.43
29	08:00	16,842	0.60	733	463	-	11.3	10.3	-	7.9	7.9	0	46	48	49	Y	9.69
30	21:00	18,399	0.62	668	432	-	10.6	10.3	-	7.9	7.9	0	49	48	49	Y	8.84

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

60" Res Line

OOS Start Date	OOS End Date	Comment
Apr 03, 2023	Apr 04, 2023	60" chlorine at Sample Shack.

Data Alterations

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