

# 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: Sep, 2023

Board

Day	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Daily Maximum (NTU) <sup>1</sup>
01	0.036	0.034	0.036	0.037	0.038	0.038	0.038
02	0.038	0.038	0.038	0.037	0.036	0.041	0.041
03	0.035	0.040	0.034	0.033	0.032	0.032	0.040
04	0.032	0.035	0.034	0.034	0.034	0.042	0.042
05	0.035	0.036	0.035	0.034	0.035	0.039	0.039
06	0.038	0.033	0.033	0.033	0.033	0.033	0.038
07	0.036	0.036	0.034	0.040	0.034	0.038	0.040
08	0.034	0.034	0.034	0.033	0.038	0.034	0.038
09	0.036	0.035	0.034	0.034	0.034	0.035	0.036
10	0.036	0.035	0.036	0.036	0.035	0.036	0.036
11	0.037	0.040	0.036	0.034	0.033	0.037	0.040
12	0.036	0.036	0.035	0.034	0.033	0.036	0.036
13	0.035	0.036	0.036	0.035	0.034	0.037	0.037
14	0.034	0.040	0.034	0.036	0.034	0.035	0.040
15	0.036	0.036	0.035	0.035	0.035	0.035	0.036
16	0.034	0.036	0.034	0.034	0.034	0.036	0.036
17	0.035	0.041	0.035	0.034	0.041	0.036	0.041
18	0.035	0.035	0.035	0.034	0.034	0.037	0.037
19	0.034	0.036	0.036	0.035	0.036	0.037	0.037
20	0.037	0.039	0.037	0.035	0.035	0.036	0.039
21	0.042	0.035	0.034	0.036	0.034	0.035	0.042
22	0.035	0.035	0.034	0.033	0.033	0.033	0.035
23	0.034	0.034	0.034	0.033	0.032	0.033	0.034
24	0.033	0.035	0.032	0.035	0.035	0.034	0.035
25	0.034	0.035	0.034	0.034	0.033	0.038	0.038
26	0.037	0.036	0.036	0.036	0.036	0.037	0.037
27	0.035	0.035	0.038	0.041	0.037	0.040	0.041
28	0.038	0.036	0.035	0.034	0.032	0.033	0.038
29	0.035	0.036	0.033	0.035	0.033	0.035	0.036
30	0.035	0.034	0.033	0.035	0.033	0.036	0.036

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of turbidity readings <= 0.3 NTU? <b>Y</b> All turbidity readings < 1 NTU? <b>Y</b> All Turbidity readings < 1 IFE2 triggers? <b>Y</b> <sup>1</sup>	CT's met everyday? <b>Y</b>	All CI residuals at entry point >= 0.2 mg/L? <b>Y</b>
<b>Notes:</b>	PRINTED NAME:	
	SIGNATURE:	DATE: 10/03/2023
	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: Sep, 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	23:00	27,280	0.63	463	299	-	15.1	15.5	-	7.9	7.9	0	37	35	34	Y	8.48
02	17:00	26,061	0.61	474	294	-	15.0	15.5	-	7.9	7.8	0	37	35	34	Y	8.37
03	05:00	27,537	0.62	452	283	-	15.1	15.6	-	7.9	7.8	0	37	34	34	Y	8.08
04	21:00	32,101	0.65	380	249	-	15.4	15.7	-	7.9	7.8	0	36	34	34	Y	7.19
05	01:00	30,672	0.65	388	259	-	14.2	15.1	-	7.9	7.9	0	39	35	36	Y	7.11
06	05:00	30,197	0.65	405	270	-	14.0	15.2	-	7.9	7.9	0	39	36	36	Y	7.29
07	23:00	31,683	0.66	381	261	-	14.4	15.8	-	8.0	7.9	0	39	36	35	Y	7.15
08	19:00	30,887	0.66	397	271	-	14.4	15.8	-	8.0	8.0	0	39	36	35	Y	7.39
09	00:00	29,665	0.67	418	288	-	14.8	16.1	-	7.9	7.9	0	37	35	34	Y	8.11
10	23:00	31,302	0.65	404	274	-	15.3	16.3	-	8.0	7.9	0	36	34	34	Y	7.91
11	23:00	30,497	0.65	394	265	-	15.2	16.3	-	7.9	7.9	0	37	35	34	Y	7.58
12	01:00	32,685	0.64	382	254	-	15.3	16.4	-	8.0	8.0	0	37	35	34	Y	7.24
13	00:00	31,516	0.66	396	266	-	15.2	16.4	-	8.0	8.0	0	37	35	34	Y	7.54
14	19:00	31,130	0.65	395	264	-	14.7	16.3	-	7.9	8.0	0	38	35	34	Y	7.44
15	23:00	30,407	0.63	400	265	-	14.7	16.4	-	8.0	7.9	0	38	34	34	Y	7.56
16	22:00	33,604	0.63	346	225	-	14.5	16.1	-	8.0	8.0	0	40	36	36	Y	6.12
17	23:00	32,975	0.62	376	241	-	14.4	16.0	-	8.0	8.0	0	40	36	36	Y	6.52
18	00:00	30,379	0.62	398	258	-	14.1	15.7	-	8.0	8.1	0	40	37	37	Y	6.83
19	04:00	29,635	0.65	424	277	-	13.8	15.5	-	7.9	8.0	0	40	38	37	Y	7.23
20	05:00	29,354	0.65	408	268	-	13.3	14.1	-	7.9	8.1	0	41	39	41	Y	6.67
21	20:00	26,341	0.65	473	311	-	12.4	13.2	-	7.9	8.0	0	44	40	42	Y	7.46
22	04:00	25,916	0.65	466	308	-	12.2	13.0	-	7.9	7.9	0	44	41	43	Y	7.27
23	20:00	26,318	0.67	456	306	-	12.3	13.0	-	7.9	7.9	0	44	41	43	Y	7.24
24	23:00	22,464	0.66	556	372	-	12.3	12.9	-	7.9	8.0	0	44	41	43	Y	8.71
25	01:00	22,135	0.66	562	375	-	11.9	12.5	-	7.9	8.0	0	45	42	44	Y	8.60
26	22:00	22,881	0.63	531	335	-	11.8	12.5	-	7.9	7.9	0	45	42	44	Y	7.69
27	05:00	22,523	0.62	550	337	-	12.2	12.6	-	8.0	7.9	0	46	42	43	Y	7.74
28	05:00	22,288	0.65	557	352	-	12.4	12.7	-	7.9	7.9	0	43	43	42	Y	8.23
29	00:00	21,186	0.66	575	373	-	12.6	12.7	-	7.9	7.9	0	43	42	43	Y	8.78
30	00:00	20,765	0.69	589	401	-	12.4	12.6	-	8.0	7.9	0	45	43	43	Y	9.20

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
Sep 24, 2023	Sep 26, 2023	45" chlorine OOS at shack. Reading erratically.

**Data Alterations**

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