

# 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: Sep, 2024

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	0.037	0.042	0.037	0.037	0.040	0.044	0.044
02	0.039	0.037	0.036	0.036	0.036	0.037	0.039
03	0.038	0.039	0.036	0.035	0.037	0.046	0.046
04	0.038	0.037	0.036	0.035	0.038	0.044	0.044
05	0.038	0.036	0.036	0.037	0.038	0.038	0.038
06	0.036	0.036	0.036	0.036	0.037	0.038	0.038
07	0.037	0.036	0.036	0.036	0.036	0.038	0.038
08	0.037	0.036	0.036	0.036	0.039	0.039	0.039
09	0.037	0.036	0.037	0.036	0.037	0.039	0.039
10	0.037	0.037	0.037	0.036	0.037	0.039	0.039
11	0.038	0.037	0.036	0.036	0.036	0.036	0.038
12	0.035	0.033	0.037	0.038	0.039	0.039	0.039
13	0.038	0.042	0.041	0.036	0.036	0.036	0.042
14	0.038	0.036	0.035	0.035	0.037	0.037	0.038
15	0.036	0.035	0.035	0.034	0.034	0.037	0.037
16	0.036	0.035	0.034	0.034	0.035	0.035	0.036
17	0.035	0.034	0.034	0.034	0.039	0.036	0.039
18	0.036	0.036	0.036	0.036	0.036	0.037	0.037
19	0.036	0.036	0.035	0.034	0.034	0.034	0.036
20	0.032	0.037	0.040	0.036	0.036	0.037	0.040
21	0.036	0.035	0.034	0.032	0.032	0.037	0.037
22	0.035	0.036	0.036	0.036	0.037	0.039	0.039
23	0.036	0.036	0.034	0.039	0.038	0.041	0.041
24	0.038	0.039	0.037	0.043	0.038	0.042	0.043
25	0.039	0.042	0.039	0.037	0.038	0.039	0.042
26	0.039	0.039	0.037	0.036	0.036	0.042	0.042
27	0.037	0.040	0.039	0.038	0.041	0.046	0.046
28	0.043	0.038	0.037	0.036	0.036	0.042	0.043
29	0.037	0.040	0.039	0.038	0.038	0.038	0.040
30	0.036	0.035	0.035	0.034	0.033	0.034	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: 10/01/2024
	PHONE #: (541) 685-7836	CERT #: 8395

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, 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	02:00	38,852	0.66	317	213	-	15.1	15.9	-	8.1	7.8	0	38	33	34	Y	6.10
02	02:00	34,498	0.66	353	236	-	14.7	15.4	-	8.0	7.8	0	39	34	35	Y	6.60
03	23:00	33,111	0.64	367	243	-	14.1	15.0	-	8.0	7.9	0	40	35	37	Y	6.55
04	23:00	35,939	0.62	327	208	-	14.4	15.2	-	8.1	7.9	0	40	35	36	Y	5.69
05	02:00	36,081	0.62	337	212	-	14.8	15.7	-	8.1	7.8	0	40	34	34	Y	5.99
06	02:00	38,290	0.61	311	193	-	15.1	15.9	-	8.1	7.8	0	39	33	33	Y	5.62
07	00:00	33,678	0.61	365	225	-	14.6	15.4	-	8.1	7.8	0	41	34	34	Y	6.30
08	00:00	36,118	0.62	343	214	-	14.4	15.3	-	8.1	7.8	0	40	35	34	Y	5.94
09	03:00	35,076	0.61	347	216	-	14.6	15.5	-	8.0	7.9	0	39	34	35	Y	6.06
10	02:00	31,964	0.62	383	238	-	14.7	15.6	-	7.9	7.9	0	38	34	35	Y	6.74
11	02:00	31,142	0.62	394	249	-	14.4	15.0	-	7.9	7.9	0	38	35	36	Y	6.82
12	20:00	28,317	0.63	441	282	-	13.5	14.2	-	8.0	7.9	0	42	37	39	Y	7.18
13	05:00	29,860	0.62	400	250	-	13.4	14.1	-	8.0	7.9	0	42	38	40	Y	6.34
14	01:00	29,694	0.63	404	252	-	13.5	14.4	-	8.0	7.9	0	42	37	39	Y	6.45
15	05:00	31,867	0.63	389	250	-	14.1	14.8	-	8.0	7.9	0	40	36	38	Y	6.63
16	01:00	29,166	0.64	422	274	-	13.1	13.9	-	8.0	7.9	0	42	38	40	Y	6.88
17	00:00	27,665	0.64	452	293	-	12.5	13.2	-	8.0	7.9	0	44	39	42	Y	7.08
18	21:00	28,983	0.65	418	275	-	12.3	13.2	-	8.0	7.9	0	45	39	41	Y	6.65
19	06:00	28,401	0.64	428	280	-	13.1	13.8	-	8.0	7.9	0	42	38	39	Y	7.06
20	02:00	25,491	0.65	464	302	-	13.2	13.9	-	8.0	7.8	0	42	37	39	Y	7.74
21	21:00	27,868	0.64	434	280	-	12.8	13.5	-	8.1	7.9	0	45	40	41	Y	6.74
22	23:00	33,043	0.63	351	226	-	12.5	13.4	-	8.2	8.0	0	47	41	43	Y	5.24
23	04:00	32,672	0.62	369	233	-	12.9	13.7	-	8.1	8.0	0	45	40	42	Y	5.52
24	00:00	30,094	0.63	409	261	-	13.7	14.4	-	8.0	7.9	0	41	38	38	Y	6.69
25	05:00	29,178	0.62	402	253	-	14.0	14.5	-	8.1	7.9	0	42	36	37	Y	6.64
26	23:00	25,388	0.66	484	331	-	12.9	13.6	-	8.2	7.9	0	47	40	41	Y	7.91
27	04:00	28,688	0.64	420	277	-	12.9	13.6	-	8.2	7.9	0	47	40	41	Y	6.60
28	22:00	28,270	0.63	428	276	-	13.3	13.9	-	8.2	7.9	0	46	39	40	Y	6.72
29	04:00	30,132	0.61	409	257	-	13.0	13.6	-	8.2	8.0	0	47	40	41	Y	6.08
30	06:00	27,097	0.63	458	295	-	12.2	13.0	-	8.2	8.0	0	48	42	43	Y	6.72

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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