

# 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: Oct, 2021

**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	0.040	0.037	0.038	0.038	0.038	0.040
02	0.037	0.037	0.036	0.036	0.036	0.036	0.037
03	0.037	0.043	0.040	0.036	0.036	0.038	0.043
04	0.037	0.037	0.037	0.037	0.038	0.042	0.042
05	0.040	0.037	0.038	0.037	0.037	0.038	0.040
06	0.039	0.039	0.038	0.038	0.038	0.046	0.046
07	0.040	0.039	0.038	0.039	0.038	0.038	0.040
08	0.036	0.036	0.035	0.037	0.033	0.034	0.037
09	0.034	0.036	0.034	0.033	0.034	0.037	0.037
10	0.034	0.033	0.033	0.037	0.038	0.039	0.039
11	0.040	0.042	0.041	0.040	0.038	0.039	0.042
12	0.037	0.036	0.035	0.035	0.036	0.037	0.037
13	0.035	0.041	-1.000	0.032	0.032	0.033	0.041
14	0.033	0.033	0.032	0.032	0.033	0.033	0.033
15	0.033	0.035	0.035	0.035	0.034	0.035	0.035
16	0.035	0.035	0.035	0.034	0.033	0.033	0.035
17	0.033	0.033	0.033	0.032	0.032	0.032	0.033
18	0.032	0.030	0.032	0.032	0.033	0.033	0.033
19	0.032	0.032	0.032	0.032	0.033	0.033	0.033
20	0.032	0.037	0.032	0.032	0.034	0.039	0.039
21	0.037	0.036	0.035	0.034	0.035	0.035	0.037
22	0.035	0.034	0.033	0.034	0.034	0.036	0.036
23	0.036	0.038	0.038	0.040	0.040	0.037	0.040
24	0.037	0.036	0.036	0.036	0.035	0.035	0.037
25	0.035	0.034	0.034	0.034	0.034	0.034	0.035
26	0.034	0.038	0.034	0.042	0.035	0.035	0.042
27	0.036	0.036	0.035	0.035	0.036	0.036	0.036
28	0.036	0.036	0.036	0.038	0.036	0.035	0.038
29	0.039	0.039	0.034	0.034	0.039	0.035	0.039
30	0.034	0.034	0.034	0.034	0.034	0.035	0.035
31	0.034	0.034	0.039	0.034	0.034	0.034	0.039

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> -1.00 value at 8:00 on 10/13 was due to all filters being offline during that time for a practice exercise shutting down the plant.	PRINTED NAME:	
	SIGNATURE:	DATE: 11/04/2021
	PHONE #: 541-556-7359	CERT #: 8626

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: Oct, 2021

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	22:00	22,655	0.67	536	360	-	12.2	12.2	-	7.9	7.9	0	44	44	<b>45</b>	Y	8.09
02	07:00	21,685	0.66	559	370	-	12.6	12.5	-	7.9	7.9	0	44	43	<b>45</b>	Y	8.45
03	23:00	23,501	0.67	519	349	-	12.5	12.4	-	8.0	8.0	0	44	44	<b>45</b>	Y	7.89
04	06:00	22,192	0.66	541	355	-	12.3	12.2	-	8.0	8.0	0	46	45	<b>47</b>	Y	7.78
05	23:00	24,554	0.66	497	336	-	12.0	11.8	-	7.9	7.9	0	44	44	<b>46</b>	Y	7.49
06	20:00	22,386	0.65	550	375	-	11.6	11.5	-	7.9	7.8	0	46	44	<b>46</b>	Y	8.29
07	23:00	20,671	0.64	586	396	-	11.4	11.3	-	7.9	7.9	0	47	<b>47</b>	47	Y	8.46
08	00:00	21,789	0.63	548	362	-	10.8	10.7	-	8.0	7.9	0	50	<b>50</b>	49	Y	7.28
09	05:00	19,865	0.67	618	417	-	10.7	10.6	-	8.0	8.0	0	50	<b>50</b>	50	Y	8.30
10	20:00	19,999	0.66	608	412	-	11.1	10.8	-	8.0	7.9	0	49	<b>51</b>	49	Y	8.30
11	21:00	20,501	0.67	591	404	-	11.0	10.8	-	8.0	7.9	0	49	<b>50</b>	49	Y	8.16
12	03:00	20,656	0.67	594	402	-	10.3	10.3	-	8.1	8.0	0	<b>54</b>	52	52	Y	7.66
13	23:00	32,601	0.66	383	255	-	9.9	9.9	-	8.2	8.1	0	<b>57</b>	54	56	Y	4.60
14	02:00	22,037	0.66	557	365	-	10.1	10.0	-	8.0	8.0	0	53	52	<b>53</b>	Y	6.92
15	20:00	17,729	0.66	692	455	-	10.4	10.2	-	7.9	7.9	0	50	50	<b>51</b>	Y	9.03
16	01:00	17,640	0.66	689	453	-	10.6	10.4	-	8.0	8.0	0	50	50	<b>51</b>	Y	9.01
17	07:00	19,866	0.66	620	417	-	10.6	10.5	-	8.0	8.0	0	50	51	<b>51</b>	Y	8.19
18	19:00	22,076	0.66	554	370	-	10.6	10.5	-	8.0	8.0	0	50	50	<b>50</b>	Y	7.37
19	20:00	23,169	0.67	524	358	-	10.4	10.4	-	8.0	7.9	0	<b>51</b>	50	51	Y	7.07
20	23:00	22,364	0.66	546	370	-	10.6	10.6	-	7.9	7.9	0	50	50	<b>50</b>	Y	7.42
21	08:00	20,683	0.65	593	394	-	10.8	10.7	-	7.9	7.9	0	48	48	<b>49</b>	Y	8.12
22	09:00	20,495	0.66	597	404	-	11.0	10.9	-	7.8	7.8	0	47	47	<b>47</b>	Y	8.62
23	19:00	19,522	0.64	621	402	-	11.0	11.0	-	7.9	7.9	0	<b>48</b>	47	47	Y	8.46
24	00:00	19,859	0.67	623	415	-	11.0	11.0	-	8.0	8.0	0	<b>49</b>	49	49	Y	8.47
25	22:00	20,529	0.64	605	402	-	11.0	11.0	-	8.0	8.0	0	<b>50</b>	49	49	Y	8.17
26	00:00	20,737	0.65	598	386	-	10.8	10.9	-	8.0	7.9	0	<b>49</b>	49	49	Y	7.89
27	00:00	20,228	0.70	610	403	-	10.8	10.9	-	8.0	7.9	0	<b>50</b>	48	49	Y	8.23
28	23:00	21,254	0.68	573	377	-	11.0	10.9	-	8.0	8.0	0	<b>50</b>	50	50	Y	7.57
29	07:00	20,262	0.66	602	386	-	11.6	11.3	-	8.0	8.0	0	47	<b>49</b>	48	Y	8.03
30	08:00	18,631	0.66	653	414	-	11.4	11.4	-	7.9	7.9	0	47	<b>47</b>	46	Y	8.90
31	21:00	18,047	0.68	693	454	-	10.9	10.9	-	7.9	7.9	0	<b>49</b>	48	48	Y	9.42

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**

**Filter Turbidity Readings**

Data for Day	Was Altered On	Because
Oct 06	Oct 06	transaction group was disabled during gateway upgrade.
Oct 13	-	All filters offline from 7:30 to 11:30 during HB spill drill to practice shutting the plant down in the event of contamination to the McKenzie River. -1.00 is the NULL value returned because all filters were offline at that time.

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