

# 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: Dec, 2022

**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	0.030	0.030	0.030	0.030	0.027	0.027	0.030
02	0.027	0.030	0.030	0.028	0.027	0.027	0.030
03	0.029	0.029	0.029	0.029	0.029	0.029	0.029
04	0.029	0.029	0.029	0.030	0.029	0.028	0.030
05	0.029	0.029	0.037	0.035	0.036	0.035	0.037
06	0.035	0.036	0.036	0.036	0.036	0.036	0.036
07	0.036	0.036	0.036	0.031	0.031	0.030	0.036
08	0.030	0.030	0.030	0.028	0.028	0.026	0.030
09	0.030	0.030	0.030	0.030	0.030	0.030	0.030
10	0.030	0.030	0.030	0.030	0.030	0.031	0.031
11	0.032	0.035	0.030	0.029	0.029	0.030	0.035
12	0.030	0.031	0.030	0.030	0.030	0.030	0.031
13	0.030	0.033	0.043	0.032	0.032	0.032	0.043
14	0.032	0.031	0.031	0.031	0.032	0.032	0.032
15	0.032	0.033	0.032	0.032	0.032	0.035	0.035
16	0.036	0.032	0.033	0.033	0.031	0.031	0.036
17	0.032	0.031	0.031	0.030	0.031	0.036	0.036
18	0.031	0.033	0.033	0.034	0.032	0.032	0.034
19	0.032	0.032	0.033	0.033	0.034	0.034	0.034
20	0.034	0.034	0.033	0.033	0.033	0.034	0.034
21	0.036	0.035	0.033	0.033	0.033	0.034	0.036
22	0.035	0.034	0.034	0.034	0.033	0.036	0.036
23	0.033	0.033	0.034	0.034	0.031	0.036	0.036
24	0.034	0.032	0.035	0.031	0.033	0.032	0.035
25	0.035	0.032	0.032	0.033	0.039	0.037	0.039
26	0.037	0.037	0.032	0.042	0.034	0.032	0.042
27	0.032	0.032	0.032	0.033	0.035	0.034	0.035
28	0.032	0.032	0.031	0.032	0.032	0.034	0.034
29	0.033	0.033	0.033	0.033	0.034	0.033	0.034
30	0.034	0.036	0.035	0.034	0.034	0.035	0.036
31	0.034	0.033	0.033	0.033	0.032	0.033	0.034

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: 01/04/2023
	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: Dec, 2022

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	14:00	20,038	0.69	619	416	-	6.8	6.9	-	8.0	7.9	0	<b>65</b>	64	63	Y	6.49
02	23:00	19,208	0.65	640	432	-	7.2	7.3	-	7.9	7.9	0	62	<b>62</b>	62	Y	6.99
03	04:00	20,841	0.65	588	386	-	7.4	7.5	-	7.9	7.9	0	62	<b>89</b>	61	Y	5.56
04	01:00	17,958	0.65	686	460	-	7.2	7.4	-	7.9	7.9	0	63	<b>63</b>	62	Y	7.37
05	02:00	17,784	0.66	693	470	-	7.0	7.2	-	7.9	7.9	0	<b>63</b>	63	63	Y	7.46
06	00:00	16,440	0.68	745	517	-	6.8	7.1	-	8.0	7.9	0	<b>65</b>	64	63	Y	8.10
07	16:00	16,586	0.66	744	508	-	7.0	7.1	-	8.0	8.0	0	<b>65</b>	64	64	Y	7.92
08	06:00	20,478	0.66	598	411	-	7.0	7.3	-	8.0	8.0	0	65	<b>74</b>	63	Y	6.09
09	22:00	17,998	0.66	681	469	-	6.8	7.1	-	7.9	8.0	0	64	65	<b>65</b>	Y	7.27
10	06:00	19,976	0.66	612	413	-	6.8	7.1	-	7.9	8.0	0	63	<b>64</b>	64	Y	6.45
11	18:00	17,359	0.66	699	478	-	6.8	7.1	-	7.9	8.0	0	62	64	<b>64</b>	Y	7.52
12	09:00	17,600	0.66	694	470	-	7.2	7.2	-	7.9	8.0	0	61	64	<b>64</b>	Y	7.47
13	06:00	16,609	0.66	730	495	-	7.4	7.6	-	7.9	8.0	0	61	<b>63</b>	63	Y	7.98
14	00:00	16,660	0.67	746	517	-	7.7	7.7	-	7.9	8.1	0	61	<b>64</b>	63	Y	8.25
15	23:00	17,318	0.66	711	492	-	7.3	7.5	-	7.9	8.0	0	62	64	<b>64</b>	Y	7.79
16	06:00	17,569	0.66	699	473	-	6.9	7.2	-	7.9	8.0	0	64	64	<b>65</b>	Y	7.38
17	07:00	16,781	0.68	732	506	-	7.0	7.3	-	8.0	7.9	0	<b>64</b>	61	62	Y	8.13
18	18:00	18,105	0.69	681	477	-	7.4	7.4	-	8.0	7.9	0	<b>63</b>	61	62	Y	7.70
19	21:00	18,081	0.69	672	472	-	7.5	7.7	-	8.0	7.9	0	<b>62</b>	60	60	Y	7.79
20	08:00	16,962	0.68	726	501	-	7.7	7.8	-	7.9	7.9	0	<b>61</b>	59	59	Y	8.44
21	23:00	16,056	0.69	780	555	-	7.7	7.9	-	7.9	7.9	0	<b>61</b>	58	59	Y	9.37
22	20:00	17,404	0.67	721	494	-	7.5	7.7	-	7.9	7.9	0	<b>61</b>	58	59	Y	8.30
23	22:00	17,194	0.67	722	478	-	7.2	7.4	-	7.9	8.0	0	<b>62</b>	62	62	Y	7.70
24	06:00	17,299	0.67	706	462	-	7.3	7.5	-	7.9	8.0	0	<b>62</b>	62	62	Y	7.50
25	03:00	17,485	0.67	689	452	-	7.2	7.5	-	7.9	8.0	0	<b>63</b>	62	62	Y	7.29
26	08:00	17,492	0.67	701	459	-	7.3	7.5	-	7.9	8.0	0	62	62	<b>62</b>	Y	7.44
27	06:00	16,429	0.67	740	486	-	7.8	7.7	-	8.0	8.0	0	61	<b>62</b>	61	Y	7.95
28	09:00	16,103	0.67	766	497	-	8.5	8.3	-	8.0	8.0	0	58	60	<b>60</b>	Y	8.39
29	23:00	16,776	0.65	720	466	-	8.5	8.6	-	8.0	8.0	0	59	58	<b>59</b>	Y	7.95
30	02:00	16,682	0.64	732	485	-	8.0	8.2	-	8.0	8.0	0	61	60	<b>61</b>	Y	8.01
31	18:00	16,850	0.66	722	500	-	7.8	8.1	-	8.0	8.1	0	62	61	<b>63</b>	Y	8.08

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
Dec 26, 2022	Dec 27, 2022	60" chlorine at shack. Impact to CT.

**Data Alterations**

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