

# 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: Jan, 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	0.033	0.033	0.037	0.035	0.031	0.037
02	0.031	0.031	0.032	0.036	0.033	0.033	0.036
03	0.033	0.033	0.033	0.034	0.033	0.032	0.034
04	0.032	0.032	0.033	0.033	0.033	0.038	0.038
05	0.034	0.034	0.031	0.031	0.031	0.031	0.034
06	0.033	0.039	0.039	0.038	0.038	0.038	0.039
07	0.038	0.038	0.038	0.038	0.038	0.038	0.038
08	0.038	0.033	0.037	0.032	0.032	0.040	0.040
09	0.032	0.032	0.031	0.031	0.031	0.031	0.032
10	0.032	0.032	0.032	0.031	0.031	0.031	0.032
11	0.031	0.032	0.032	0.031	0.029	0.030	0.032
12	0.030	0.029	0.029	0.029	0.031	0.032	0.032
13	0.031	0.033	0.033	0.032	0.033	0.034	0.034
14	0.031	0.031	0.031	0.032	0.032	0.031	0.032
15	0.031	0.031	0.032	0.031	0.031	0.031	0.032
16	0.032	0.032	0.032	0.031	0.031	0.031	0.032
17	0.037	0.031	0.031	0.031	0.033	0.032	0.037
18	0.030	0.030	0.030	0.030	0.029	0.033	0.033
19	0.029	0.030	0.032	0.030	0.031	0.034	0.034
20	0.033	0.032	0.031	0.031	0.030	0.030	0.033
21	0.030	0.030	0.031	0.030	0.030	0.030	0.031
22	0.029	0.029	0.029	0.029	0.033	0.031	0.033
23	0.032	0.030	0.029	0.029	0.028	0.028	0.032
24	0.028	0.031	0.029	0.029	0.028	0.029	0.031
25	0.029	0.029	0.029	0.029	0.029	0.032	0.032
26	0.031	0.029	0.030	0.030	0.030	0.036	0.036
27	0.029	0.029	0.029	0.029	0.030	0.029	0.030
28	0.029	0.029	0.029	0.029	0.029	0.030	0.030
29	0.030	0.031	0.030	0.030	0.030	0.030	0.031
30	0.030	0.030	0.029	0.030	0.030	0.031	0.031
31	0.033	0.033	0.029	0.029	0.028	0.029	0.033

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: Ray	Digitally signed by Ray Leipold
	SIGNATURE: Leipold	Date: 2023.02.06 14:34:42 -08'00'
	PHONE #: (541) 685-7838	DATE: 02/06/2023
		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: Jan, 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	02:00	13,614	0.64	928	585	-	7.2	7.0	-	8.4	8.0	0	<b>73</b>	67	63	Y	8.67
02	20:00	14,967	0.70	841	588	-	6.7	6.8	-	8.4	8.0	0	<b>78</b>	65	65	Y	8.50
03	05:00	12,781	0.65	981	646	-	6.4	6.5	-	8.3	7.9	0	<b>75</b>	66	66	Y	9.39
04	00:00	14,158	0.69	889	619	-	6.4	6.4	-	8.2	7.9	0	<b>74</b>	66	67	Y	9.04
05	23:00	13,755	0.67	919	632	-	6.4	6.3	-	8.2	7.8	0	<b>72</b>	64	65	Y	9.46
06	05:00	14,074	0.66	892	589	-	6.7	6.4	-	8.1	7.9	0	<b>69</b>	66	66	Y	8.80
07	10:00	14,245	0.65	868	571	-	7.0	6.7	-	8.1	7.8	0	<b>67</b>	63	65	Y	8.80
08	23:00	15,207	0.65	804	534	-	7.1	6.7	-	8.2	7.9	0	<b>69</b>	63	65	Y	8.17
09	00:00	15,363	0.66	797	524	-	7.2	6.9	-	8.2	8.0	0	<b>69</b>	66	64	Y	7.92
10	00:00	14,945	0.66	819	547	-	6.7	6.8	-	8.1	7.9	0	<b>70</b>	65	64	Y	8.32
11	09:00	14,287	0.70	849	594	-	6.4	6.5	-	8.3	8.0	0	<b>76</b>	67	67	Y	8.55
12	20:00	16,536	0.69	732	510	-	6.6	6.5	-	8.2	7.9	0	<b>71</b>	65	71	Y	7.42
13	21:00	13,641	0.68	880	594	-	7.1	6.7	-	8.2	8.0	0	<b>68</b>	67	67	Y	8.83
14	00:00	14,174	0.70	847	588	-	7.5	7.1	-	8.2	7.9	0	67	63	<b>70</b>	Y	8.89
15	21:00	13,994	0.70	872	610	-	7.6	7.4	-	8.2	7.9	0	<b>68</b>	62	67	Y	9.32
16	19:00	14,978	0.67	839	559	-	7.3	7.2	-	8.2	8.0	0	<b>68</b>	63	67	Y	8.49
17	05:00	14,123	0.68	892	594	-	7.2	7.1	-	8.2	8.1	0	<b>69</b>	66	67	Y	8.81
18	05:00	18,436	0.68	666	437	-	7.0	7.0	-	8.0	8.2	0	65	69	<b>71</b>	Y	6.43
19	08:00	18,666	0.67	651	427	-	6.7	6.7	-	7.9	7.9	0	65	<b>65</b>	64	Y	6.62
20	00:00	15,581	0.68	790	529	-	6.1	6.3	-	8.0	7.9	0	<b>70</b>	66	66	Y	7.84
21	23:00	13,214	0.72	944	657	-	5.5	5.9	-	8.1	8.0	0	<b>74</b>	69	69	Y	9.32
22	22:00	15,719	0.70	797	551	-	5.3	5.6	-	8.1	8.0	0	<b>75</b>	71	72	Y	7.58
23	02:00	13,408	0.70	921	628	-	5.3	5.5	-	8.1	8.0	0	<b>75</b>	72	72	Y	8.58
24	18:00	14,066	0.70	893	621	-	5.4	5.6	-	8.0	7.9	0	<b>73</b>	70	70	Y	8.75
25	23:00	13,971	0.64	897	584	-	5.3	5.5	-	7.9	7.9	0	<b>70</b>	69	69	Y	8.38
26	01:00	14,265	0.64	865	552	-	5.3	5.4	-	7.9	7.9	0	70	69	<b>70</b>	Y	7.92
27	06:00	14,898	0.71	828	578	-	5.5	5.5	-	7.9	7.9	0	69	69	<b>71</b>	Y	8.29
28	20:00	14,783	0.64	838	538	-	5.7	5.6	-	7.9	7.9	0	68	68	<b>69</b>	Y	7.91
29	01:00	14,951	0.64	833	532	-	5.8	5.8	-	7.9	7.9	0	<b>68</b>	67	67	Y	7.93
30	06:00	14,582	0.68	832	559	-	4.5	5.0	-	7.9	7.9	0	<b>74</b>	71	71	Y	7.78
31	12:00	15,327	0.66	784	523	-	3.5	4.0	-	7.9	7.9	0	<b>80</b>	76	77	Y	6.74

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
Jan 03	Jan 04	Testing to see if it removes from report.
Surface Water Readings		
Data for Day	Was Altered On	Because
Jan 03	Jan 17	PLC work. Level dropped out.