

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

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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: 03/03/2023
	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: Feb, 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	04:00	15,169	0.67	789	530	-	3.4	3.8	-	8.0	7.9	0	<b>82</b>	78	80	Y	6.66
02	08:00	15,304	0.69	787	545	-	4.0	4.4	-	7.9	7.9	0	<b>78</b>	75	75	Y	7.18
03	23:00	14,947	0.67	834	571	-	4.3	4.6	-	7.9	7.9	0	<b>75</b>	73	74	Y	7.71
04	16:00	14,161	0.66	876	581	-	4.9	5.0	-	7.9	7.9	0	<b>73</b>	72	72	Y	8.01
05	04:00	16,723	0.66	750	500	-	5.8	5.5	-	7.9	7.9	0	69	<b>70</b>	69	Y	7.20
06	23:00	14,589	0.66	836	554	-	6.4	6.1	-	7.9	7.9	0	66	<b>67</b>	66	Y	8.34
07	23:00	14,599	0.61	519	325	-	6.6	6.4	-	8.0	7.9	0	<b>67</b>	0	66	Y	4.91
08	00:00	14,463	0.61	530	328	-	6.4	6.2	-	8.0	8.0	0	66	0	<b>69</b>	Y	4.87
09	00:00	13,609	0.64	894	587	-	6.3	6.2	-	8.0	8.0	0	67	67	<b>69</b>	Y	8.65
10	08:00	14,267	0.64	865	571	-	6.8	6.3	-	7.9	8.0	0	64	67	<b>69</b>	Y	8.58
11	02:00	16,016	0.65	773	514	-	6.9	6.4	-	8.0	8.0	0	65	67	<b>68</b>	Y	7.75
12	23:00	15,726	0.63	799	524	-	6.9	6.6	-	8.0	8.0	0	65	66	<b>67</b>	Y	7.93
13	12:00	13,727	0.62	908	578	-	6.7	6.6	-	8.0	8.0	0	65	66	<b>67</b>	Y	8.75
14	00:00	14,021	0.64	880	577	-	6.2	6.3	-	8.0	8.0	0	69	68	<b>69</b>	Y	8.45
15	00:00	14,304	0.65	880	588	-	5.6	5.7	-	8.1	8.0	0	<b>72</b>	70	71	Y	8.27
16	23:00	14,570	0.63	870	574	-	5.3	5.6	-	8.0	7.9	0	<b>73</b>	69	71	Y	8.06
17	00:00	14,032	0.64	898	589	-	5.2	5.4	-	8.0	7.9	0	<b>74</b>	70	71	Y	8.20
18	00:00	16,077	0.68	783	541	-	5.5	5.4	-	8.0	7.9	0	<b>73</b>	71	73	Y	7.51
19	23:00	16,097	0.67	788	541	-	5.8	5.5	-	8.1	7.9	0	72	70	<b>72</b>	Y	7.58
20	23:00	14,642	0.64	844	566	-	6.2	5.8	-	8.1	8.0	0	70	70	<b>71</b>	Y	8.04
21	18:00	15,010	0.62	821	525	-	6.6	6.1	-	8.0	8.0	0	66	68	<b>69</b>	Y	7.74
22	06:00	13,753	0.63	899	581	-	6.2	6.2	-	8.0	7.9	0	<b>67</b>	66	66	Y	8.75
23	01:00	14,588	0.67	836	570	-	5.7	5.7	-	8.0	7.9	0	<b>72</b>	68	69	Y	8.20
24	23:00	14,633	0.62	841	554	-	5.2	5.4	-	8.0	7.9	0	<b>73</b>	70	70	Y	7.80
25	01:00	15,705	0.62	784	506	-	4.6	4.8	-	7.9	7.9	0	<b>74</b>	73	74	Y	6.88
26	03:00	15,231	0.65	817	546	-	4.6	4.8	-	7.9	7.9	0	<b>74</b>	73	74	Y	7.40
27	23:00	15,910	0.65	775	526	-	4.9	4.9	-	7.9	7.9	0	73	72	<b>74</b>	Y	7.22
28	08:00	15,881	0.64	770	503	-	5.1	5.1	-	8.0	8.0	0	72	73	<b>75</b>	Y	6.84

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
Feb 06, 2023	Feb 07, 2023	60" chlorine at the intertie OOS.
45" Tie Line		
OOS Start Date	OOS End Date	Comment
Feb 07, 2023	Feb 08, 2023	45" chlorine OOS at the intertie.

**Data Alterations**

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