

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

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: 04/04/2023
	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: Mar, 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	09:00	16,204	0.67	749	509	-	5.3	5.2	-	7.9	7.9	0	71	72	<b>73</b>	Y	7.07
02	23:00	15,936	0.65	785	528	-	5.4	5.3	-	7.9	7.9	0	70	72	<b>73</b>	Y	7.39
03	23:00	16,589	0.63	764	491	-	5.7	5.6	-	7.9	7.9	0	68	69	<b>71</b>	Y	7.06
04	00:00	15,376	0.64	821	524	-	5.8	5.6	-	7.9	8.0	0	69	70	<b>72</b>	Y	7.48
05	01:00	15,389	0.66	807	534	-	5.8	5.7	-	8.0	7.9	0	69	69	<b>71</b>	Y	7.65
06	20:00	16,079	0.64	775	504	-	5.7	5.6	-	7.9	7.9	0	68	70	<b>71</b>	Y	7.23
07	08:00	15,946	0.62	771	491	-	6.0	5.7	-	7.9	8.0	0	66	70	<b>71</b>	Y	7.10
08	23:00	15,853	0.65	763	500	-	5.9	5.9	-	7.9	7.9	0	68	68	<b>70</b>	Y	7.27
09	12:00	15,774	0.63	766	494	-	5.6	6.0	-	8.1	8.0	0	<b>74</b>	69	71	Y	6.96
10	06:00	16,189	0.69	765	521	-	5.4	5.9	-	8.0	7.9	0	<b>74</b>	69	68	Y	7.43
11	17:00	14,880	0.67	835	566	-	5.4	6.0	-	8.0	7.9	0	<b>74</b>	68	68	Y	8.13
12	23:00	16,087	0.67	772	520	-	5.8	6.0	-	8.0	7.9	0	<b>70</b>	67	67	Y	7.64
13	00:00	15,989	0.67	783	522	-	6.3	6.5	-	8.0	7.9	0	<b>67</b>	64	64	Y	8.04
14	06:00	16,090	0.69	768	529	-	6.0	6.6	-	8.0	7.9	0	<b>69</b>	64	64	Y	8.05
15	17:00	15,948	0.65	768	507	-	5.8	6.5	-	8.0	7.9	0	<b>70</b>	66	65	Y	7.60
16	08:00	15,689	0.66	781	513	-	6.0	6.5	-	7.9	7.9	0	<b>68</b>	67	65	Y	7.68
17	07:00	16,002	0.70	762	533	-	6.3	6.7	-	7.9	7.9	0	<b>67</b>	66	64	Y	8.11
18	22:00	15,190	0.67	835	576	-	6.7	6.9	-	7.9	7.9	0	65	<b>66</b>	64	Y	8.88
19	08:00	15,445	0.67	820	553	-	7.1	7.2	-	7.9	7.9	0	63	<b>63</b>	62	Y	8.84
20	06:00	16,099	0.68	782	541	-	7.1	7.4	-	7.9	7.9	0	<b>63</b>	62	61	Y	8.72
21	23:00	16,297	0.67	770	523	-	6.9	7.4	-	8.0	7.9	0	<b>64</b>	63	62	Y	8.30
22	08:00	15,746	0.64	796	518	-	7.1	7.4	-	7.9	7.9	0	<b>62</b>	62	61	Y	8.36
23	06:00	15,779	0.67	787	528	-	7.8	7.6	-	7.9	7.9	0	60	<b>62</b>	60	Y	8.71
24	23:00	15,882	0.65	778	524	-	7.1	7.5	-	7.9	7.9	0	<b>62</b>	60	60	Y	8.63
25	06:00	16,045	0.64	780	508	-	6.4	6.8	-	7.9	7.9	0	<b>65</b>	63	63	Y	7.99
26	20:00	16,259	0.64	771	510	-	6.1	6.5	-	7.9	7.9	0	<b>66</b>	64	64	Y	7.86
27	20:00	15,178	0.64	820	537	-	6.1	6.5	-	7.9	7.9	0	<b>67</b>	64	64	Y	8.26
28	05:00	14,142	0.63	886	566	-	6.3	6.5	-	7.9	7.9	0	<b>65</b>	64	63	Y	8.81
29	02:00	13,715	0.65	910	584	-	6.4	6.6	-	7.9	7.8	0	<b>65</b>	63	63	Y	9.16
30	06:00	14,956	0.66	830	547	-	6.9	6.7	-	7.9	7.9	0	<b>63</b>	63	63	Y	8.66
31	12:00	14,034	0.65	878	571	-	7.1	7.0	-	7.9	7.9	0	<b>63</b>	62	62	Y	9.19

3. If Cl2 at entry point <0.2 mg/L, or CT not met, notify DWP by end of next business day.

# OHA - Drinking Water Program - Surface Water Quality

Month/Year: Mar, 2023

## Data

### Out of Service Events

#### Basin

OOS Start Date	OOS End Date	Comment
Oct 01, 2020	-	Basin OOS to remove required CT value

#### 45" Res Line

OOS Start Date	OOS End Date	Comment
Mar 21, 2023	Mar 23, 2023	45" chlorine at sample shack

### Data Alterations

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