

# OHA - Drinking Water Program - Turbidity Monitoring Report Form

## Conventional or Direct Filtration

County: Lane

System Name: Eugene Water & Electric Board ID#: 4100287 WTP: WTP-A Month/Year: Jan, 2024

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	0.027	0.028	0.028	0.028	0.028	0.028	0.028
02	0.028	0.028	0.027	0.029	0.028	0.029	0.029
03	0.029	0.029	0.028	0.028	0.026	0.026	0.029
04	0.026	0.026	0.027	0.027	0.027	0.027	0.027
05	0.028	0.028	0.027	0.027	0.029	0.028	0.029
06	0.030	0.028	0.028	0.027	0.027	0.027	0.030
07	0.027	0.030	0.029	0.029	0.031	0.029	0.031
08	0.029	0.030	0.034	0.027	0.027	0.027	0.034
09	0.027	0.030	0.033	0.029	0.029	0.030	0.033
10	0.029	0.033	0.031	0.032	0.030	0.034	0.034
11	0.032	0.028	0.032	0.030	0.030	0.039	0.039
12	0.029	0.029	0.028	0.028	0.028	0.028	0.029
13	0.028	0.028	0.029	0.029	0.026	0.026	0.029
14	0.026	0.030	0.031	0.030	0.029	0.029	0.031
15	0.034	0.027	0.027	0.027	0.030	0.032	0.034
16	0.032	0.038	0.038	0.029	0.023	0.028	0.038
17	0.028	0.027	0.028	0.028	0.028	0.029	0.029
18	0.028	0.031	0.029	0.037	0.031	0.035	0.037
19	0.032	0.031	0.030	0.030	0.032	0.029	0.032
20	0.029	0.029	0.033	0.031	0.029	0.029	0.033
21	0.029	0.029	0.029	0.028	0.028	0.029	0.029
22	0.028	0.027	0.030	0.029	0.029	0.029	0.030
23	0.029	0.029	0.028	0.027	0.027	0.027	0.029
24	0.028	0.027	0.032	0.030	0.041	0.029	0.041
25	0.029	0.029	0.029	0.031	0.034	0.032	0.034
26	0.033	0.027	0.026	0.026	0.028	0.026	0.033
27	0.027	0.026	0.027	0.027	0.027	0.027	0.027
28	0.027	0.027	0.027	0.027	0.027	0.027	0.027
29	0.028	0.029	0.028	0.028	0.027	0.027	0.029
30	0.028	0.028	0.028	0.027	0.028	0.028	0.028
31	0.028	0.027	0.029	0.032	0.031	0.027	0.032

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: 02/02/2024
	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: Jan, 2024

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	00:00	18,316	0.65	685	440	-	7.1	7.7	-	8.0	7.9	0	<b>64</b>	59	59	Y	7.25
02	23:00	18,483	0.67	672	444	-	6.6	7.2	-	8.0	7.9	0	<b>67</b>	62	62	Y	7.01
03	19:00	18,901	0.66	652	424	-	6.4	6.9	-	8.0	7.9	0	<b>68</b>	63	63	Y	6.58
04	23:00	18,760	0.65	657	419	-	6.5	6.9	-	8.0	7.9	0	<b>67</b>	62	63	Y	6.56
05	11:00	18,401	0.64	676	419	-	6.7	7.0	-	7.9	7.8	0	<b>64</b>	61	60	Y	6.82
06	07:00	16,082	0.64	769	476	-	6.6	7.2	-	7.9	7.8	0	<b>64</b>	59	60	Y	7.81
07	19:00	16,515	0.66	741	470	-	6.2	6.8	-	7.9	7.8	0	<b>66</b>	61	61	Y	7.52
08	16:00	17,102	0.64	433	272	-	6.1	6.7	-	8.0	7.9	0	<b>69</b>	0	63	Y	4.15
09	06:00	18,722	0.67	430	278	-	6.8	6.3	-	8.0	8.0	0	66	<b>68</b>	0	Y	4.16
10	22:00	17,558	0.64	673	429	-	6.3	6.3	-	8.0	8.0	0	67	67	<b>70</b>	Y	6.31
11	10:00	17,977	0.64	665	424	-	6.1	6.2	-	8.0	7.9	0	69	66	<b>71</b>	Y	6.20
12	00:00	17,503	0.65	678	445	-	6.1	6.2	-	8.0	7.9	0	68	67	<b>71</b>	Y	6.47
13	23:00	15,863	0.67	217	146	-	5.9	0.0	-	8.0	0.0	0	<b>70</b>	0	0	Y	2.10
14	03:00	16,091	0.67	242	162	-	5.2	0.0	-	8.0	0.0	0	<b>74</b>	0	0	Y	2.19
15	03:00	18,282	0.67	207	139	-	5.1	0.0	-	8.1	0.0	0	<b>75</b>	0	0	Y	1.84
16	19:00	17,746	0.68	205	139	-	4.8	0.0	-	8.1	0.0	0	<b>77</b>	0	0	Y	1.82
17	00:00	22,072	0.69	169	116	-	4.8	0.0	-	8.1	0.0	0	<b>78</b>	0	0	Y	1.48
18	23:00	23,119	0.69	133	92	-	5.5	0.0	-	8.1	0.0	0	<b>74</b>	0	0	Y	1.25
19	04:00	21,958	0.64	170	109	-	6.7	0.0	-	8.0	0.0	0	<b>66</b>	0	0	Y	1.66
20	01:00	17,701	0.65	204	132	-	6.8	0.0	-	8.0	0.0	0	<b>65</b>	0	0	Y	2.02
21	06:00	15,933	0.71	260	184	-	6.9	0.0	-	7.9	0.0	0	<b>63</b>	0	0	Y	2.93
22	13:00	15,576	0.72	255	183	-	7.3	0.0	-	7.9	0.0	0	<b>61</b>	0	0	Y	3.00
23	23:00	18,438	0.70	675	470	-	7.6	7.1	-	7.9	7.9	0	59	<b>61</b>	61	Y	7.76
24	03:00	18,279	0.69	675	467	-	7.7	7.2	-	7.9	7.9	0	59	<b>62</b>	61	Y	7.67
25	23:00	20,038	0.62	620	383	-	7.5	7.2	-	7.9	7.9	0	60	<b>62</b>	62	Y	6.28
26	07:00	18,196	0.61	685	412	-	7.4	7.1	-	7.9	7.9	0	61	<b>61</b>	61	Y	6.76
27	08:00	15,590	0.65	800	513	-	7.5	7.1	-	7.9	7.9	0	61	<b>62</b>	62	Y	8.31
28	23:00	16,952	0.67	732	487	-	7.8	7.3	-	7.9	7.9	0	59	<b>61</b>	61	Y	8.09
29	08:00	16,579	0.66	732	480	-	8.4	7.6	-	7.9	7.9	0	57	<b>60</b>	60	Y	8.15
30	19:00	17,116	0.68	708	476	-	8.5	7.7	-	7.9	7.9	0	56	<b>60</b>	60	Y	8.11
31	23:00	17,066	0.67	715	477	-	8.5	7.7	-	7.9	7.9	0	56	<b>60</b>	60	Y	8.12

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

