

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: May, 2024

Day	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Daily Maximum (NTU) ¹
01	0.031	0.031	0.030	0.030	0.030	0.032	0.032
02	0.031	0.030	0.031	0.031	0.031	0.032	0.032
03	0.032	0.032	0.032	0.033	0.033	0.033	0.033
04	0.032	0.032	0.030	0.032	0.031	0.039	0.039
05	0.032	0.032	0.036	0.035	0.033	0.032	0.036
06	0.033	0.033	0.035	0.033	0.033	0.034	0.035
07	0.032	0.032	0.029	0.029	0.030	0.047	0.047
08	0.029	0.029	0.028	0.029	0.029	0.028	0.029
09	0.029	0.031	0.029	0.029	0.029	0.030	0.031
10	0.030	0.030	0.031	0.032	0.032	0.032	0.032
11	0.031	0.031	0.031	0.029	0.030	0.029	0.031
12	0.029	0.030	0.032	0.033	0.039	0.033	0.039
13	0.031	0.035	0.032	0.034	0.029	0.031	0.035
14	0.030	0.034	0.032	0.030	0.032	0.031	0.034
15	0.031	0.032	0.031	0.031	0.032	0.032	0.032
16	0.033	0.034	0.035	0.032	0.033	0.034	0.035
17	0.032	0.033	0.032	0.033	0.034	0.033	0.034
18	0.034	0.034	0.035	0.033	0.034	0.033	0.035
19	0.032	0.037	0.032	0.032	0.032	0.032	0.037
20	0.031	0.031	0.031	0.031	0.033	0.034	0.034
21	0.033	0.034	0.033	0.031	0.034	0.033	0.034
22	0.036	0.031	0.030	0.031	0.032	0.034	0.036
23	0.038	0.035	0.035	0.035	0.034	0.037	0.038
24	0.032	0.031	0.032	0.031	0.033	0.033	0.033
25	0.033	0.031	0.031	0.032	0.032	0.034	0.034
26	0.032	0.032	0.034	0.031	0.031	0.032	0.034
27	0.031	0.030	0.032	0.032	0.034	0.034	0.034
28	0.033	0.031	0.032	0.034	0.035	0.034	0.035
29	0.033	0.032	0.032	0.032	0.032	0.041	0.041
30	0.033	0.033	0.031	0.033	0.034	0.035	0.035
31	0.033	0.035	0.036	0.032	0.035	0.036	0.036

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of turbidity readings <= 0.3 NTU? Y All turbidity readings < 1 NTU? Y All Turbidity readings < 1 IFE2 triggers? Y ¹	CT's met everyday? Y	All CI residuals at entry point >= 0.2 mg/L? Y
Notes:	PRINTED NAME:	
	SIGNATURE:	DATE: 06/04/2024
	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: May, 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	07:00	21,617	0.65	560	362	-	7.6	8.8	-	7.9	7.8	0	61	53	54	Y	6.51
02	00:00	19,608	0.66	601	391	-	7.9	8.9	-	8.0	7.8	0	60	53	54	Y	7.10
03	08:00	19,290	0.66	632	413	-	8.4	9.3	-	7.9	7.8	0	58	52	53	Y	7.70
04	04:00	20,588	0.67	587	385	-	8.2	9.4	-	7.9	7.8	0	59	51	52	Y	7.21
05	21:00	20,920	0.66	582	381	-	7.7	9.0	-	8.0	7.8	0	61	53	53	Y	6.91
06	18:00	19,530	0.66	427	277	-	8.3	9.0	-	8.0	7.9	0	59	54	0	Y	4.93
07	00:00	20,301	0.67	396	263	-	8.4	9.0	-	8.0	7.9	0	60	55	0	Y	4.60
08	06:00	21,044	0.68	362	243	-	8.6	9.0	-	8.0	8.0	0	58	0	57	Y	4.25
09	08:00	21,230	0.69	398	274	-	9.2	9.4	-	8.0	7.8	0	55	52	0	Y	5.13
10	07:00	21,763	0.68	574	392	-	10.2	10.2	-	7.9	7.8	0	51	49	48	Y	7.96
11	23:00	23,299	0.65	528	356	-	11.5	11.3	-	8.0	7.8	0	47	45	44	Y	7.84
12	05:00	25,007	0.63	488	323	-	12.1	11.9	-	8.0	7.8	0	46	43	42	Y	7.41
13	23:00	27,066	0.66	457	307	-	12.2	12.3	-	8.0	7.9	0	45	44	45	Y	6.85
14	00:00	27,836	0.65	439	290	-	12.1	12.2	-	8.0	7.9	0	46	45	45	Y	6.42
15	23:00	26,465	0.65	473	314	-	12.2	12.4	-	7.9	7.9	0	45	44	44	Y	7.09
16	00:00	25,612	0.65	473	311	-	12.6	12.8	-	8.0	7.9	0	44	42	42	Y	7.29
17	14:00	27,814	0.65	434	286	-	12.9	13.0	-	7.9	7.9	0	42	41	42	Y	6.81
18	00:00	27,537	0.65	450	296	-	12.2	12.5	-	8.0	7.9	0	45	43	44	Y	6.77
19	22:00	27,369	0.67	457	306	-	11.4	11.8	-	7.9	7.9	0	47	45	46	Y	6.66
20	00:00	26,797	0.67	453	305	-	10.7	11.3	-	8.0	7.9	0	51	46	47	Y	6.40
21	23:00	25,038	0.67	479	323	-	11.1	11.6	-	8.1	7.9	0	50	46	46	Y	6.88
22	00:00	25,589	0.67	490	328	-	11.3	11.6	-	8.1	7.9	0	50	46	46	Y	6.95
23	17:00	26,353	0.67	460	306	-	10.7	11.2	-	8.1	7.9	0	52	47	47	Y	6.33
24	02:00	26,671	0.64	438	284	-	11.2	11.5	-	8.1	7.9	0	50	46	47	Y	6.01
25	00:00	29,044	0.66	424	277	-	11.7	12.0	-	8.1	7.9	0	48	45	45	Y	6.04
26	00:00	28,438	0.67	431	286	-	11.0	11.5	-	8.0	7.9	0	50	46	46	Y	6.07
27	13:00	27,591	0.66	432	282	-	11.7	12.1	-	8.1	7.9	0	49	44	45	Y	6.15
28	21:00	26,977	0.64	449	288	-	12.8	13.0	-	8.1	7.9	0	45	42	43	Y	6.67
29	00:00	27,564	0.65	452	290	-	11.7	12.1	-	8.0	8.0	0	48	45	46	Y	6.28
30	19:00	30,771	0.65	387	253	-	11.5	12.0	-	8.0	8.0	0	49	46	46	Y	5.45
31	22:00	30,560	0.65	391	252	-	12.1	12.5	-	8.1	8.0	0	47	44	45	Y	5.60

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		