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: Nov, 2024

Day	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Daily Maximum (NTU) [1]
01	0.036	0.036	0.036	0.036	0.035	0.037	0.037
02	0.037	0.038	0.038	0.038	0.041	0.041	0.041
03	0.041	0.040	0.040	0.042	0.040	0.041	0.042
04	0.041	0.038	0.049	0.038	0.044	0.043	0.049
05	0.036	0.036	0.052	0.033	0.034	0.036	0.052
06	0.038	0.038	0.038	0.038	0.037	0.037	0.038
07	0.033	0.033	0.033	0.033	0.032	0.036	0.036
08	0.037	0.036	0.036	0.035	0.034	0.041	0.041
09	0.040	0.039	0.039	0.040	0.041	0.034	0.041
10	0.035	0.038	0.037	0.036	0.037	0.038	0.038
11	0.038	0.036	0.036	0.035	0.034	0.042	0.042
12	0.043	0.042	0.042	0.042	0.038	0.039	0.043
13	0.038	0.038	0.038	0.038	0.037	0.036	0.038
14	0.038	0.036	0.037	0.038	0.037	0.037	0.038
15	0.037	0.036	0.035	0.037	0.037	0.036	0.037
16	0.036	0.035	0.035	0.038	0.035	0.038	0.038
17	0.033	0.034	0.032	0.033	0.033	0.037	0.037
18	0.037	0.036	0.037	0.037	0.037	0.036	0.037
19	0.065	0.034	0.038	0.043	0.037	0.035	0.065
20	0.034	0.033	0.034	0.037	0.034	0.046	0.046
21	0.034	0.042	0.034	0.031	0.031	0.034	0.042
22	0.033	0.033	0.040	0.041	0.037	0.041	0.041
23	0.039	0.033	0.033	0.033	0.034	0.032	0.039
24	0.033	0.034	0.034	0.034	0.033	0.033	0.034
25	0.033	0.032	0.033	0.033	0.040	0.033	0.040
26	0.031	0.034	0.033	0.033	0.033	0.036	0.036
27	0.034	0.033	0.032	0.033	0.032	0.032	0.034
28	0.031	0.031	0.031	0.034	0.032	0.033	0.034
29	0.032	0.032	0.032	0.032	0.032	0.031	0.032
30	0.032	0.032	0.029	0.029	0.029	0.029	0.032

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 Cl residuals at entry point >= 0.2 mg/L? **Y**
Notes:	PRINTED NAME:	
	SIGNATURE:	DATE: 12/03/2024
	PHONE #: (541) 685-7836	CERT #: 8395

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: Nov, 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	22:00	22,139	0.66	549	352	-	9.1	9.8	-	8.0	7.9	0	**56**	50	51	Y	6.76
02	23:00	19,526	0.65	622	399	-	9.2	9.9	-	8.0	7.9	0	**56**	51	51	Y	7.61
03	23:00	19,755	0.63	618	382	-	9.4	10.0	-	8.0	7.9	0	**55**	50	51	Y	7.37
04	04:00	21,133	0.63	571	348	-	9.4	10.1	-	8.0	7.9	0	**54**	50	50	Y	6.77
05	06:00	24,697	0.67	483	313	-	9.2	9.9	-	8.0	7.9	0	**57**	50	51	Y	5.98
06	23:00	20,629	0.66	562	383	-	9.0	9.8	-	8.0	7.9	0	**57**	52	52	Y	7.16
07	19:00	20,544	0.63	583	367	-	8.5	9.3	-	8.0	7.9	0	**58**	53	54	Y	6.73
08	00:00	20,380	0.64	595	381	-	8.3	9.2	-	8.0	7.9	0	**60**	53	54	Y	6.87
09	23:00	21,399	0.63	574	367	-	8.5	9.2	-	8.1	8.0	0	**60**	54	55	Y	6.54
10	05:00	20,202	0.63	587	366	-	8.8	9.3	-	8.1	8.0	0	**59**	54	56	Y	6.53
11	22:00	20,825	0.66	563	368	-	9.2	9.8	-	8.0	7.9	0	**55**	52	52	Y	6.96
12	08:00	21,903	0.66	365	240	-	9.6	10.1	-	7.9	8.0	0	**53**	52	0	Y	4.57
13	03:00	20,896	0.67	378	261	-	9.1	10.0	-	8.0	7.9	0	**56**	51	0	Y	4.90
14	20:00	21,740	0.66	368	243	-	8.8	9.8	-	8.0	7.9	0	**56**	52	0	Y	4.53
15	03:00	21,241	0.68	563	377	-	8.5	9.6	-	8.1	7.9	0	**61**	53	51	Y	6.91
16	20:00	19,174	0.68	620	420	-	7.9	9.2	-	7.9	7.9	0	**60**	54	53	Y	7.56
17	03:00	21,968	0.67	294	193	-	7.7	8.5	-	7.9	7.9	0	**60**	0	56	Y	3.31
18	15:00	21,510	0.67	288	196	-	7.7	8.5	-	8.0	7.9	0	**61**	0	57	Y	3.32
19	03:00	22,808	0.69	266	184	-	7.2	8.5	-	8.1	8.0	0	**66**	0	58	Y	2.97
20	23:00	24,281	0.67	249	168	-	7.1	8.5	-	8.1	8.1	0	**67**	0	60	Y	2.65
21	10:00	20,882	0.63	289	185	-	7.2	9.1	-	8.0	8.0	0	**64**	0	56	Y	3.07
22	22:00	21,130	0.67	168	112	-	7.5	0.0	-	8.1	0.0	0	**65**	0	0	Y	1.73
23	14:00	19,382	0.65	416	282	-	7.9	8.8	-	8.0	8.0	0	**61**	57	0	Y	4.80
24	23:00	20,503	0.65	379	257	-	7.6	8.6	-	8.0	7.9	0	**63**	56	0	Y	4.36
25	05:00	22,599	0.63	351	227	-	7.5	8.0	-	8.0	8.0	0	**63**	60	0	Y	3.72
26	01:00	20,350	0.64	566	381	-	7.3	7.7	-	8.0	7.9	0	**64**	61	61	Y	6.19
27	06:00	21,228	0.64	576	392	-	7.0	7.4	-	8.0	7.9	0	**65**	61	61	Y	6.33
28	00:00	18,150	0.64	676	458	-	6.7	7.1	-	8.0	7.9	0	**66**	63	63	Y	7.17
29	01:00	19,991	0.65	617	424	-	6.1	6.6	-	8.0	8.0	0	**70**	66	66	Y	6.33
30	22:00	20,139	0.65	596	410	-	5.7	6.1	-	8.0	7.9	0	**72**	67	67	Y	5.99

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 Data

Month/Year: Nov, 2024

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
Nov 12, 2024	Nov 12, 2024	Cl2 membrane replacement

60" Tie Line

OOS Start Date	OOS End Date	Comment
Nov 12, 2024	Nov 14, 2024	Intertie and Shack 60" OOS for cl2 membrane replacement.
Nov 22, 2024	Nov 22, 2024	60" intertie chlorine OOS due to erratic reading.
Nov 23, 2024	Nov 25, 2024	Intertie 60" chlorine is OOS

45" Tie Line

OOS Start Date	OOS End Date	Comment
Nov 17, 2024	Nov 22, 2024	45" instrumentation at the intertie OOS. Pipe is drained for construction crews.

45" Res Line

OOS Start Date	OOS End Date	Comment
Nov 17, 2024	Nov 22, 2024	45" instrumentation at the sample shack OOS. Pipe is drained for construction crews.

Data Alterations