

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: Jul, 2023

Board

Day	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Daily Maximum (NTU) ¹
01	0.037	0.035	0.037	0.037	0.038	0.040	0.040
02	0.040	0.036	0.034	0.033	0.039	0.041	0.041
03	0.041	0.038	0.037	0.037	0.035	0.037	0.041
04	0.037	0.036	0.038	0.037	0.038	0.040	0.040
05	0.040	0.038	0.033	0.034	0.041	0.042	0.042
06	0.042	0.039	0.038	0.037	0.034	0.039	0.042
07	0.037	0.038	0.035	0.038	0.039	0.040	0.040
08	0.040	0.039	0.038	0.034	0.034	0.035	0.040
09	0.043	0.040	0.038	0.037	0.039	0.040	0.043
10	0.040	0.036	0.035	0.039	0.039	0.040	0.040
11	0.041	0.039	0.038	0.034	0.035	0.037	0.041
12	0.037	0.037	0.034	0.033	0.036	0.038	0.038
13	0.040	0.038	0.035	0.034	0.034	0.037	0.040
14	0.037	0.035	0.036	0.037	0.035	0.037	0.037
15	0.038	0.036	0.035	0.033	0.034	0.035	0.038
16	0.039	0.042	0.036	0.034	0.035	0.036	0.042
17	0.038	0.036	0.034	0.033	0.033	0.038	0.038
18	0.038	0.037	0.035	0.034	0.035	0.035	0.038
19	0.036	0.034	0.033	0.032	0.036	0.038	0.038
20	0.037	0.038	0.036	0.035	0.035	0.036	0.038
21	0.036	0.036	0.033	0.035	0.039	0.038	0.039
22	0.038	0.037	0.035	0.035	0.035	0.036	0.038
23	0.036	0.039	0.036	0.035	0.041	0.038	0.041
24	0.037	0.036	0.035	0.034	0.035	0.036	0.037
25	0.039	0.037	0.035	0.036	0.035	0.035	0.039
26	0.035	0.035	0.034	0.033	0.033	0.037	0.037
27	0.036	0.036	0.035	0.034	0.035	0.036	0.036
28	0.035	0.033	0.035	0.034	0.035	0.036	0.036
29	0.036	0.035	0.034	0.033	0.034	0.034	0.036
30	0.034	0.033	0.032	0.034	0.041	0.038	0.041
31	0.036	0.036	0.034	0.033	0.034	0.035	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: 08/02/2023
	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: Jul, 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	22:00	41,192	0.64	285	178	-	15.1	16.7	-	8.0	7.9	0	37	33	34	Y	5.19
02	02:00	35,367	0.63	347	211	-	15.0	16.8	-	7.9	7.9	0	37	32	33	Y	6.23
03	06:00	36,879	0.60	334	199	-	15.0	16.8	-	8.0	7.9	0	38	33	34	Y	5.77
04	16:00	37,808	0.62	324	193	-	15.0	17.0	-	7.9	7.9	0	37	31	33	Y	5.77
05	02:00	39,908	0.60	312	184	-	15.1	16.8	-	8.0	7.9	0	38	32	34	Y	5.37
06	03:00	37,160	0.63	329	205	-	15.4	16.9	-	8.0	7.8	0	36	31	33	Y	6.19
07	03:00	38,891	0.64	320	205	-	15.1	16.2	-	8.0	7.9	0	38	33	35	Y	5.86
08	03:00	33,046	0.64	376	245	-	14.6	15.9	-	8.0	7.9	0	39	34	36	Y	6.76
09	04:00	35,640	0.65	338	222	-	14.6	16.3	-	8.0	7.9	0	40	33	36	Y	6.19
10	17:00	40,557	0.66	292	198	-	14.8	16.0	-	8.0	7.9	0	38	34	36	Y	5.51
11	16:00	37,739	0.65	324	214	-	14.8	16.4	-	8.0	7.9	0	38	33	35	Y	6.10
12	15:00	40,461	0.64	303	197	-	15.3	16.8	-	8.0	7.9	0	37	32	34	Y	5.79
13	04:00	37,283	0.63	321	209	-	15.4	17.1	-	8.0	7.9	0	36	32	33	Y	6.28
14	22:00	42,378	0.67	280	186	-	15.6	17.4	-	8.0	7.9	0	36	31	32	Y	5.70
15	23:00	39,259	0.64	300	195	-	15.7	17.6	-	8.0	7.9	0	36	31	30	Y	6.12
16	03:00	38,582	0.63	326	207	-	16.2	17.9	-	8.0	7.9	0	35	30	30	Y	6.55
17	03:00	43,646	0.65	278	179	-	16.0	17.5	-	8.0	7.8	0	35	31	30	Y	5.66
18	03:00	36,290	0.64	342	222	-	15.6	17.5	-	8.0	7.9	0	36	31	30	Y	6.91
19	03:00	39,995	0.64	299	195	-	17.5	17.6	-	7.9	7.9	0	31	32	30	Y	6.28
20	04:00	36,869	0.65	325	217	-	17.7	17.3	-	7.9	7.9	0	31	31	32	Y	6.92
21	04:00	41,955	0.65	290	191	-	17.9	17.6	-	7.9	7.9	0	31	31	31	Y	6.16
22	23:00	38,038	0.64	314	206	-	18.4	18.0	-	8.0	7.9	0	30	30	31	Y	6.83
23	23:00	40,567	0.64	280	181	-	18.3	18.1	-	8.0	8.0	0	30	30	31	Y	5.94
24	03:00	42,126	0.63	277	179	-	18.1	17.8	-	8.0	7.9	0	30	30	31	Y	5.87
25	02:00	35,002	0.64	354	231	-	17.8	17.5	-	8.0	7.9	0	31	31	32	Y	7.44
26	03:00	39,148	0.65	308	203	-	17.1	17.2	-	8.0	7.9	0	33	32	32	Y	6.26
27	22:00	36,896	0.65	329	220	-	16.7	17.1	-	8.0	8.0	0	34	33	32	Y	6.68
28	03:00	39,993	0.64	300	201	-	16.3	17.0	-	8.0	8.0	0	35	33	33	Y	6.06
29	20:00	37,083	0.63	321	209	-	16.4	17.0	-	8.0	7.9	0	35	33	33	Y	6.29
30	22:00	38,025	0.63	316	207	-	16.4	17.0	-	8.0	8.0	0	35	33	33	Y	6.20
31	01:00	40,659	0.63	288	185	-	16.3	17.0	-	8.0	8.0	0	35	33	33	Y	5.57

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: Jul, 2023

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
Jul 19, 2023	Jul 26, 2023	60" pH at sample shack. Reading erratically.
Data Alterations		
Surface Water Readings		
Data for Day	Was Altered On	Because
Jul 03	Jul 07	Benchtop
Jul 03	Jul 07	Benchtop
Jul 03	Jul 07	Benchtop
Jul 03	Jul 07	Benchtop
Jul 03	Jul 07	Benchtop
Jul 03	Jul 07	Benchtop
Jul 05	Jul 07	Benchtop