

OHA - Drinking Water Program - Turbidity Monitoring Report Form

Conventional or Direct Filtration

County: Lane

System Name: Eugene Water & Electric

ID#: 4100287 WTP: WTP-A

Month/Year: Sep, 2021

Board

Day	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Daily Maximum (NTU) ¹
01	0.040	0.041	0.039	0.039	0.035	0.038	0.041
02	0.037	0.038	0.037	0.035	0.035	0.037	0.038
03	0.045	0.039	0.037	0.035	0.036	0.037	0.045
04	0.037	0.040	0.038	0.035	0.036	0.036	0.040
05	0.036	0.037	0.039	0.035	0.035	0.036	0.039
06	0.037	0.038	0.038	0.036	0.035	0.036	0.038
07	0.036	0.038	0.036	0.038	0.038	0.040	0.040
08	0.038	0.039	0.038	0.036	0.036	0.038	0.039
09	0.037	0.038	0.040	0.037	0.037	0.040	0.040
10	0.039	0.040	0.041	0.037	0.036	0.036	0.041
11	0.039	0.039	0.038	0.038	0.038	0.040	0.040
12	0.040	0.039	0.038	0.037	0.036	0.040	0.040
13	0.038	0.040	0.037	0.036	0.040	0.037	0.040
14	0.037	0.038	0.037	0.036	0.035	0.036	0.038
15	0.036	0.036	0.036	0.035	0.035	0.035	0.036
16	0.037	0.037	0.036	0.039	0.037	0.038	0.039
17	0.037	0.034	0.034	0.035	0.034	0.034	0.037
18	0.039	0.039	0.040	0.042	0.041	0.041	0.042
19	0.042	0.044	0.048	0.039	0.042	0.046	0.048
20	0.044	0.044	0.044	0.047	0.044	0.043	0.047
21	0.046	0.042	0.042	0.041	0.043	0.037	0.046
22	0.036	0.036	0.036	0.036	0.037	0.036	0.037
23	0.034	0.035	0.035	0.037	0.035	0.036	0.037
24	0.036	0.038	0.036	0.035	0.035	0.037	0.038
25	0.036	0.037	0.036	0.036	0.035	0.035	0.037
26	0.035	0.035	0.038	0.035	0.035	0.036	0.038
27	0.038	0.037	0.037	0.040	0.037	0.037	0.040
28	0.038	0.037	0.037	0.038	0.041	0.039	0.041
29	0.042	0.042	0.043	0.045	0.042	0.038	0.045
30	0.041	0.038	0.038	0.037	0.037	0.037	0.041

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: 10/04/2021
		PHONE #: 541-556-7359	CERT #: 8626

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: Sep, 2021

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	03:00	33,169	0.68	371	246	-	14.6	15.0	-	7.9	7.8	0	38	34	36	Y	6.84
02	22:00	33,199	0.68	375	249	-	14.4	14.9	-	7.9	7.8	0	38	35	37	Y	6.81
03	02:00	32,315	0.67	375	247	-	14.4	14.9	-	7.9	7.8	0	38	34	35	Y	6.90
04	07:00	33,207	0.68	364	243	-	14.1	14.5	-	8.0	7.8	0	40	36	39	Y	6.40
05	22:00	32,646	0.68	384	257	-	14.4	14.9	-	7.9	7.8	0	39	35	37	Y	6.96
06	23:00	33,987	0.66	368	243	-	14.6	15.1	-	8.0	7.8	0	39	35	36	Y	6.72
07	04:00	33,505	0.66	371	241	-	14.8	15.2	-	8.0	7.9	0	38	35	36	Y	6.67
08	02:00	36,436	0.66	338	219	-	14.8	15.4	-	8.0	7.8	0	38	35	36	Y	6.09
09	23:00	32,525	0.67	374	251	-	14.8	15.3	-	7.9	7.8	0	37	35	35	Y	7.08
10	21:00	31,462	0.67	396	265	-	14.9	15.1	-	7.9	7.9	0	37	35	37	Y	7.33
11	22:00	30,408	0.65	414	273	-	14.2	14.4	-	7.9	7.9	0	39	37	38	Y	7.22
12	05:00	32,782	0.64	380	244	-	14.1	14.5	-	7.9	7.9	0	39	37	38	Y	6.41
13	00:00	31,647	0.68	383	258	-	14.2	14.5	-	8.0	8.0	0	41	38	40	Y	6.54
14	03:00	32,067	0.69	390	259	-	14.0	14.3	-	8.0	7.9	0	41	38	40	Y	6.52
15	03:00	30,230	0.68	416	278	-	13.7	14.1	-	8.0	7.9	0	42	39	40	Y	6.92
16	20:00	33,814	0.67	358	237	-	12.9	13.2	-	8.0	7.9	0	44	41	43	Y	5.57
17	21:00	26,036	0.67	482	313	-	12.4	12.7	-	8.0	8.0	0	45	43	45	Y	7.10
18	20:00	24,749	0.68	495	327	-	12.8	13.0	-	7.9	7.9	0	43	41	43	Y	7.75
19	20:00	26,184	0.67	465	302	-	12.6	12.9	-	8.0	8.0	0	45	42	43	Y	6.99
20	16:00	25,974	0.70	462	306	-	12.2	12.6	-	7.9	7.9	0	44	42	44	Y	7.10
21	18:00	26,409	0.67	458	292	-	12.6	13.0	-	7.9	7.9	0	43	41	42	Y	6.96
22	05:00	28,605	0.69	430	293	-	12.9	13.2	-	8.0	7.9	0	44	40	43	Y	6.93
23	06:00	28,272	0.69	428	287	-	12.8	13.1	-	8.0	7.8	0	44	40	42	Y	6.92
24	19:00	25,675	0.68	460	309	-	12.7	13.0	-	7.9	7.8	0	43	39	42	Y	7.52
25	07:00	25,448	0.67	465	305	-	12.9	13.2	-	8.0	7.9	0	44	40	42	Y	7.28
26	19:00	26,202	0.66	454	295	-	13.2	13.4	-	8.0	7.8	0	43	39	41	Y	7.23
27	04:00	26,438	0.66	453	297	-	13.1	13.4	-	7.9	7.8	0	42	39	41	Y	7.35
28	07:00	24,558	0.68	495	347	-	12.3	12.6	-	8.0	8.0	0	46	44	45	Y	7.73
29	20:00	23,481	0.67	513	340	-	11.5	11.9	-	8.0	7.9	0	48	44	46	Y	7.39
30	06:00	23,060	0.66	524	340	-	11.8	12.1	-	7.9	7.9	0	46	44	46	Y	7.55

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: Sep, 2021

Out of Service Events		
Basin		
OOS Start Date	OOS End Date	Comment
Oct 01, 2020	-	Basin OOS to remove required CT value
Data Alterations		