

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: Aug, 2021

Day	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Daily Maximum (NTU) ¹
01	0.039	0.039	0.037	0.035	0.036	0.037	0.039
02	0.037	0.039	0.039	0.037	0.038	0.047	0.047
03	0.044	0.050	0.043	0.039	0.038	0.042	0.050
04	0.041	0.046	0.041	0.039	0.038	0.039	0.046
05	0.041	0.042	0.041	0.038	0.038	0.040	0.042
06	0.041	0.043	0.039	0.037	0.036	0.038	0.043
07	0.038	0.040	0.040	0.038	0.036	0.039	0.040
08	0.040	0.046	0.042	0.040	0.039	0.040	0.046
09	0.043	0.045	0.043	0.038	0.039	0.041	0.045
10	0.042	0.043	0.040	0.037	0.037	0.038	0.043
11	0.041	0.044	0.042	0.038	0.038	0.040	0.044
12	0.042	0.044	0.041	0.039	0.039	0.041	0.044
13	0.041	0.042	0.043	0.038	0.038	0.040	0.043
14	0.040	0.041	0.040	0.038	0.038	0.039	0.041
15	0.039	0.043	0.043	0.037	0.038	0.040	0.043
16	0.042	0.048	0.042	0.039	0.038	0.040	0.048
17	0.041	0.043	0.043	0.040	0.039	0.039	0.043
18	0.041	0.039	0.037	0.037	0.037	0.037	0.041
19	0.038	0.041	0.038	0.036	0.036	0.037	0.041
20	0.037	0.040	0.044	0.040	0.038	0.038	0.044
21	0.038	0.039	0.039	0.036	0.035	0.036	0.039
22	0.040	0.041	0.040	0.038	0.037	0.037	0.041
23	0.037	0.042	0.036	0.035	0.034	0.038	0.042
24	0.038	0.040	0.039	0.037	0.037	0.036	0.040
25	0.036	0.038	0.036	0.035	0.038	0.038	0.038
26	0.039	0.040	0.039	0.038	0.037	0.037	0.040
27	0.037	0.039	0.039	0.038	0.040	0.041	0.041
28	0.041	0.042	0.040	0.039	0.039	0.037	0.042
29	0.037	0.040	0.041	0.039	0.039	0.040	0.041
30	0.041	0.042	0.041	0.037	0.038	0.038	0.042
31	0.041	0.041	0.039	0.042	0.040	0.040	0.042

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: 09/02/2021
		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: Aug, 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	15:00	39,505	0.69	316	213	-	16.8	17.4	-	8.1	8.1	0	35	33	34	Y	6.28
02	19:00	42,993	0.67	287	186	-	17.7	18.1	-	8.0	7.9	0	31	30	30	Y	6.14
03	22:00	39,365	0.67	311	202	-	18.6	19.1	-	8.0	7.9	0	29	28	29	Y	7.08
04	04:00	42,214	0.67	291	187	-	18.2	18.8	-	8.0	7.9	0	31	28	29	Y	6.41
05	04:00	38,322	0.66	320	204	-	17.6	18.0	-	8.0	7.9	0	32	30	31	Y	6.65
06	11:00	38,076	0.67	314	207	-	17.0	17.6	-	8.0	7.9	0	33	30	31	Y	6.65
07	17:00	36,249	0.66	336	221	-	17.3	17.9	-	8.1	8.0	0	34	31	32	Y	6.87
08	23:00	36,672	0.64	343	219	-	18.2	18.6	-	8.0	7.9	0	31	29	29	Y	7.46
09	02:00	41,192	0.64	298	188	-	17.7	18.3	-	8.0	7.9	0	32	29	29	Y	6.27
10	03:00	38,274	0.64	327	210	-	17.3	18.0	-	8.1	8.0	0	33	30	31	Y	6.73
11	23:00	41,986	0.65	286	186	-	17.9	18.6	-	8.0	7.9	0	31	29	29	Y	6.36
12	02:00	41,179	0.65	306	194	-	18.3	19.0	-	7.8	7.8	0	29	28	27	Y	6.90
13	20:00	42,834	0.66	287	184	-	18.2	18.8	-	8.0	7.8	0	31	28	28	Y	6.41
14	03:00	37,350	0.65	336	214	-	17.9	18.5	-	8.1	8.0	0	32	30	30	Y	6.97
15	02:00	39,508	0.64	312	195	-	18.0	18.7	-	7.9	7.8	0	30	28	28	Y	6.85
16	03:00	41,922	0.65	286	182	-	18.1	18.6	-	8.0	7.8	0	31	27	28	Y	6.42
17	20:00	40,016	0.66	320	207	-	17.8	18.1	-	7.9	7.8	0	30	28	29	Y	7.07
18	22:00	41,344	0.65	291	185	-	16.2	16.8	-	8.0	7.8	0	35	31	31	Y	5.80
19	03:00	36,788	0.64	322	201	-	16.0	16.6	-	8.0	7.9	0	35	32	34	Y	6.00
20	05:00	35,364	0.68	346	228	-	16.7	17.2	-	7.9	7.8	0	32	30	32	Y	7.33
21	04:00	33,796	0.66	368	242	-	16.3	16.7	-	7.8	7.8	0	33	31	33	Y	7.52
22	23:00	32,052	0.66	385	250	-	15.5	15.8	-	7.9	7.9	0	36	33	35	Y	7.22
23	02:00	40,670	0.65	303	196	-	15.1	15.6	-	7.9	7.9	0	36	34	36	Y	5.55
24	23:00	33,365	0.68	364	241	-	15.0	15.5	-	7.9	7.8	0	36	33	35	Y	7.01
25	02:00	33,160	0.67	364	236	-	14.9	15.4	-	8.0	7.8	0	38	34	36	Y	6.62
26	22:00	39,559	0.67	320	209	-	15.3	15.8	-	7.9	7.9	0	36	34	35	Y	6.01
27	20:00	34,123	0.67	361	235	-	15.9	16.3	-	7.8	7.8	0	34	32	33	Y	7.17
28	03:00	34,074	0.65	368	234	-	15.6	16.1	-	7.9	7.8	0	35	33	34	Y	6.88
29	03:00	35,506	0.67	348	226	-	15.6	16.1	-	8.0	7.9	0	36	33	35	Y	6.54
30	19:00	40,197	0.66	308	197	-	15.6	15.9	-	8.2	8.1	0	39	36	37	Y	5.28
31	03:00	33,487	0.67	379	250	-	15.2	15.6	-	8.1	8.0	0	38	36	38	Y	6.68

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
Exceptions

Month/Year: Aug, 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		