

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, 2021

Day	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Daily Maximum (NTU) ¹
01	0.034	0.034	0.037	0.038	0.049	0.042	0.049
02	0.038	0.037	0.036	0.036	0.040	0.038	0.040
03	0.037	0.035	0.034	0.036	0.035	0.036	0.037
04	0.034	0.033	0.032	0.033	0.036	0.043	0.043
05	0.035	0.034	0.034	0.034	0.035	0.035	0.035
06	0.035	0.034	0.034	0.041	0.034	0.036	0.041
07	0.035	0.035	0.036	0.035	0.035	0.035	0.036
08	0.036	0.035	0.035	0.036	0.034	0.034	0.036
09	0.034	0.033	0.034	0.035	0.034	0.036	0.036
10	0.036	0.037	0.036	0.036	0.033	0.034	0.037
11	0.033	0.034	0.032	0.038	0.033	0.034	0.038
12	0.034	0.033	0.033	0.034	0.034	0.036	0.036
13	0.035	0.035	0.034	0.035	0.036	0.038	0.038
14	0.037	0.035	0.035	0.034	0.037	0.038	0.038
15	0.037	0.036	0.035	0.034	0.035	0.038	0.038
16	0.037	0.035	0.034	0.035	0.034	0.037	0.037
17	0.036	0.036	0.037	0.035	0.036	0.037	0.037
18	0.037	0.036	0.035	0.034	0.035	0.035	0.037
19	0.037	0.040	0.037	0.035	0.035	0.034	0.040
20	0.036	0.035	0.034	0.038	0.033	0.034	0.038
21	0.033	0.033	0.033	0.033	0.034	0.033	0.034
22	0.033	0.033	0.035	0.036	0.035	0.034	0.036
23	0.035	0.044	0.033	0.033	0.034	0.034	0.044
24	0.033	0.034	0.035	0.037	0.033	0.034	0.037
25	0.034	0.034	0.033	0.033	0.035	0.035	0.035
26	0.036	0.035	0.036	0.031	0.040	0.035	0.040
27	0.035	0.034	0.036	0.037	0.037	0.035	0.037
28	0.035	0.033	0.033	0.034	0.034	0.037	0.037
29	0.034	0.034	-	0.033	0.036	0.038	0.038
30	0.036	0.036	0.035	0.036	0.037	0.040	0.040
31	0.036	0.035	0.035	0.035	0.036	0.038	0.038

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: 06/03/2021
	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: May, 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	02:00	24,116	0.63	509	326	-	12.1	12.1	-	7.9	7.9	0	44	47	45	Y	7.20
02	22:00	23,129	0.65	537	357	-	12.0	12.1	-	7.9	7.9	0	44	48	45	Y	7.78
03	00:00	22,868	0.67	538	359	-	11.1	11.3	-	7.9	7.9	0	48	49	47	Y	7.46
04	23:00	25,945	0.62	469	301	-	11.3	11.4	-	7.9	7.9	0	47	46	46	Y	6.48
05	00:00	26,140	0.62	472	299	-	11.9	12.0	-	8.1	8.0	0	47	45	46	Y	6.46
06	21:00	25,617	0.61	493	309	-	12.2	12.3	-	8.0	8.0	0	46	45	45	Y	6.78
07	01:00	27,018	0.61	444	276	-	11.3	11.5	-	8.0	7.9	0	48	47	47	Y	5.86
08	19:00	24,062	0.62	517	330	-	10.5	10.7	-	8.0	8.0	0	51	49	50	Y	6.64
09	00:00	24,489	0.63	507	324	-	10.3	10.5	-	7.9	7.9	0	51	49	50	Y	6.55
10	15:00	25,943	0.64	485	322	-	10.4	10.6	-	8.1	8.0	0	53	50	52	Y	6.24
11	23:00	27,651	0.65	449	300	-	11.4	11.4	-	8.0	8.0	0	48	48	49	Y	6.23
12	15:00	28,018	0.62	442	283	-	12.2	12.2	-	8.1	8.0	0	47	44	47	Y	6.17
13	03:00	28,012	0.61	449	288	-	12.8	13.0	-	8.0	8.0	0	44	42	45	Y	6.61
14	00:00	30,619	0.66	410	269	-	13.2	13.4	-	8.0	8.0	0	43	41	42	Y	6.41
15	06:00	27,712	0.65	462	302	-	13.4	13.7	-	8.0	7.9	0	42	40	41	Y	7.38
16	20:00	31,454	0.65	397	259	-	13.3	13.7	-	8.0	7.9	0	42	39	40	Y	6.42
17	00:00	32,353	0.65	375	246	-	13.4	13.6	-	8.0	8.0	0	43	41	43	Y	5.84
18	03:00	27,500	0.64	439	292	-	13.2	13.4	-	8.0	8.0	0	42	41	42	Y	6.98
19	23:00	27,658	0.65	451	305	-	12.3	12.6	-	8.0	7.9	0	45	43	45	Y	6.92
20	00:00	24,493	0.65	509	341	-	11.3	11.6	-	7.9	7.9	0	46	44	46	Y	7.50
21	22:00	27,152	0.67	458	320	-	10.2	10.6	-	7.9	7.9	0	50	47	50	Y	6.54
22	04:00	26,756	0.66	454	310	-	10.1	10.5	-	8.0	8.0	0	52	50	53	Y	6.05
23	22:00	29,631	0.67	404	280	-	10.9	11.1	-	8.0	7.9	0	49	47	50	Y	5.77
24	22:00	25,551	0.68	485	336	-	11.1	11.3	-	8.0	8.0	0	49	47	49	Y	6.97
25	20:00	24,015	0.65	517	343	-	11.1	11.4	-	7.9	7.9	0	48	45	47	Y	7.37
26	22:00	24,539	0.67	492	331	-	11.0	11.3	-	8.0	8.0	0	49	47	49	Y	6.89
27	15:00	23,886	0.64	496	321	-	12.2	12.1	-	7.9	7.9	0	44	44	45	Y	7.26
28	23:00	27,742	0.64	438	292	-	11.3	11.6	-	8.0	7.9	0	48	45	47	Y	6.29
29	07:00	29,168	0.64	409	264	-	11.9	12.2	-	7.9	7.9	0	45	43	45	Y	5.96
30	21:00	30,583	0.62	398	252	-	12.9	13.2	-	8.0	8.0	0	43	41	43	Y	5.96
31	23:00	40,704	0.62	306	195	-	13.5	13.9	-	8.1	8.1	0	43	41	41	Y	4.68

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: May, 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

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