

# 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, 2022

**Board**

Day	12 AM (NTU)	4 AM (NTU)	8 AM (NTU)	NOON (NTU)	4 PM (NTU)	8 PM (NTU)	Daily Maximum (NTU) <sup>1</sup>
01	0.047	0.037	0.035	0.036	0.036	0.039	0.047
02	0.039	0.037	0.037	0.037	0.038	0.040	0.040
03	0.039	0.037	0.038	0.038	0.040	0.039	0.040
04	0.038	0.041	0.038	0.039	0.036	0.037	0.041
05	0.038	0.036	0.038	0.038	0.039	0.039	0.039
06	0.039	0.037	0.042	0.039	0.037	0.037	0.042
07	0.042	0.039	0.037	0.037	0.038	0.040	0.042
08	0.038	0.039	0.037	0.036	0.036	0.036	0.039
09	0.040	0.038	0.037	0.036	0.039	0.037	0.040
10	0.040	0.038	0.036	0.035	0.036	0.036	0.040
11	0.037	0.040	0.035	0.035	0.035	0.035	0.040
12	0.035	0.034	0.034	0.034	0.037	0.042	0.042
13	0.037	0.035	0.034	0.034	0.036	0.035	0.037
14	0.035	0.034	0.035	0.034	0.036	0.035	0.036
15	0.037	0.034	0.034	0.033	0.042	0.037	0.042
16	0.037	0.036	0.035	0.033	0.037	0.037	0.037
17	0.037	0.036	0.034	0.034	0.038	0.037	0.038
18	0.038	0.037	0.034	0.036	0.035	0.040	0.040
19	0.036	0.034	0.042	0.033	0.034	0.036	0.042
20	0.036	0.036	0.036	0.034	0.034	0.035	0.036
21	0.037	0.036	0.034	0.034	0.035	0.035	0.037
22	0.037	0.037	0.035	0.035	0.035	0.036	0.037
23	0.037	0.035	0.034	0.034	0.037	0.035	0.037
24	0.038	0.037	0.035	0.036	0.036	0.036	0.038
25	0.037	0.036	0.040	0.034	0.039	0.036	0.040
26	0.039	0.038	0.036	0.035	0.036	0.038	0.039
27	0.044	0.037	0.036	0.035	0.037	0.038	0.044
28	0.039	0.042	0.047	0.035	0.037	0.038	0.047
29	0.039	0.041	0.038	0.036	0.037	0.039	0.041
30	0.041	0.040	0.039	0.042	0.041	0.042	0.042
31	0.044	0.043	0.039	0.040	0.044	0.044	0.044

<b>Conventional or Direct Filtration</b>		<b>Monthly Summary (Answer Yes or No)</b>	
95% of turbidity readings <= 0.3 NTU? <b>Y</b> All turbidity readings < 1 NTU? <b>Y</b> All Turbidity readings < 1 IFE2 triggers? <b>Y</b> <sup>1</sup>		CT's met everyday? <b>Y</b>	All CI residuals at entry point >= 0.2 mg/L? <b>Y</b>
<b>Notes:</b>		PRINTED NAME:	
		SIGNATURE:	DATE: 08/02/2022
		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, 2022

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	04:00	31,241	0.66	383	247	-	14.4	15.4	-	8.0	8.0	0	<b>40</b>	36	38	Y	6.55
02	02:00	29,726	0.66	418	274	-	14.7	15.5	-	8.0	7.9	0	<b>38</b>	36	37	Y	7.40
03	22:00	27,332	0.67	459	302	-	14.5	15.4	-	7.9	7.9	0	<b>38</b>	36	37	Y	8.18
04	03:00	27,881	0.65	438	285	-	14.4	15.4	-	7.9	8.0	0	<b>39</b>	36	38	Y	7.60
05	06:00	26,266	0.67	453	295	-	15.0	16.0	-	8.0	7.9	0	<b>37</b>	35	36	Y	8.22
06	12:00	27,097	0.66	463	303	-	14.5	15.6	-	8.0	8.0	0	<b>39</b>	36	37	Y	8.12
07	01:00	28,300	0.66	437	286	-	14.2	15.1	-	7.9	7.9	0	<b>39</b>	37	37	Y	7.65
08	04:00	30,660	0.66	394	256	-	14.5	15.4	-	7.9	7.8	0	<b>38</b>	35	34	Y	7.26
09	15:00	30,331	0.67	405	264	-	15.2	16.2	-	8.0	7.9	0	<b>38</b>	34	33	Y	7.58
10	03:00	30,579	0.67	403	262	-	15.6	16.5	-	8.1	7.9	0	<b>38</b>	34	33	Y	7.51
11	02:00	35,421	0.66	353	226	-	15.8	16.5	-	8.2	8.3	0	<b>39</b>	39	39	Y	5.81
12	23:00	36,823	0.65	206	133	-	16.6	17.4	-	8.1	8.1	0	<b>36</b>	0	34	Y	3.81
13	02:00	38,126	0.65	89	58	-	16.5	0.0	-	8.0	0.0	0	<b>35</b>	0	0	Y	1.68
14	23:00	35,034	0.67	359	227	-	16.4	17.2	-	8.0	8.0	0	<b>35</b>	33	33	Y	6.74
15	02:00	33,368	0.65	377	241	-	16.1	16.9	-	8.0	8.0	0	<b>36</b>	34	33	Y	7.11
16	22:00	30,341	0.64	408	259	-	16.1	16.8	-	8.1	8.0	0	<b>37</b>	34	34	Y	7.46
17	04:00	33,527	0.64	377	239	-	16.1	16.8	-	8.1	8.0	0	<b>37</b>	34	33	Y	6.91
18	02:00	34,246	0.64	364	230	-	15.8	16.7	-	8.2	8.0	0	<b>39</b>	34	35	Y	6.43
19	02:00	34,724	0.67	364	235	-	15.8	16.8	-	8.2	8.0	0	<b>39</b>	34	35	Y	6.59
20	23:00	35,300	0.68	354	232	-	16.4	17.3	-	8.1	7.8	0	<b>35</b>	31	31	Y	7.23
21	23:00	34,532	0.67	360	233	-	16.6	17.4	-	8.6	8.4	0	<b>43</b>	37	37	Y	5.98
22	03:00	32,281	0.66	391	252	-	16.6	17.3	-	8.1	7.9	0	<b>36</b>	31	32	Y	7.70
23	02:00	36,762	0.67	333	219	-	15.9	16.7	-	8.1	8.0	0	<b>38</b>	34	35	Y	6.20
24	03:00	36,644	0.68	332	220	-	15.8	16.8	-	8.1	8.0	0	<b>37</b>	33	34	Y	6.35
25	11:00	44,379	0.68	275	184	-	16.3	17.3	-	8.2	8.2	0	<b>37</b>	36	36	Y	5.08
26	03:00	39,348	0.68	312	209	-	17.0	17.9	-	8.2	8.2	0	<b>36</b>	35	34	Y	5.96
27	23:00	39,396	0.68	301	203	-	17.0	17.9	-	8.2	8.2	0	<b>36</b>	34	34	Y	5.85
28	02:00	40,649	0.68	294	201	-	17.2	18.1	-	8.2	8.2	0	<b>36</b>	34	33	Y	5.88
29	22:00	39,060	0.67	313	212	-	17.7	18.7	-	8.1	8.2	0	<b>33</b>	<b>33</b>	32	Y	6.43
30	03:00	37,436	0.67	322	216	-	18.2	19.1	-	8.2	8.2	0	<b>33</b>	<b>33</b>	32	Y	6.65
31	23:00	38,547	0.68	326	221	-	18.0	18.9	-	8.2	8.3	0	<b>33</b>	<b>34</b>	32	Y	6.66

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, 2022

**Data**

<b>Out of Service Events</b>		
<b>Basin</b>		
<b>OOS Start Date</b>	<b>OOS End Date</b>	<b>Comment</b>
Oct 01, 2020	-	Basin OOS to remove required CT value
<b>60" Res Line</b>		
<b>OOS Start Date</b>	<b>OOS End Date</b>	<b>Comment</b>
Jul 03, 2022	Jul 03, 2022	60" chlorine at shack. Impacting CT.
Jul 05, 2022	Jul 06, 2022	60" chlorine at the shack. Mtnc impact to CT.
Jul 07, 2022	Jul 13, 2022	Shack 60" chlorine analyzer impacting CT.
Jul 10, 2022	Jul 10, 2022	60" chlorine analyzer reading erratically. Impacting CT.
<b>45" Tie Line</b>		
<b>OOS Start Date</b>	<b>OOS End Date</b>	<b>Comment</b>
Jul 12, 2022	Jul 13, 2022	45" intertie instrument maintenance. Impact to CT.
<b>60" Tie Line</b>		
<b>OOS Start Date</b>	<b>OOS End Date</b>	<b>Comment</b>
Jul 13, 2022	Jul 13, 2022	Mtnc on 60" chlorine analyzer at the intertie.
<b>Data Alterations</b>		
<b>Surface Water Readings</b>		
<b>Data for Day</b>	<b>Was Altered On</b>	<b>Because</b>
Jul 01	Jul 05	Updated from historical data.
Jul 06	Jul 07	Corrected value. Pur log reading.