

OHA - Drinking Water Program - Turbidity Monitoring Report Form County: COOS
 Conventional or Direct Filtration

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 APR 07 2023
 Certification
 Drinking Water Service

System Name: COQUILLE, CITY OF ID:OR4100213 WTP:-WTP-A Month/Year: Mar-23

DAY	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day ¹ [NTU]
1	NR	NR	0.02	0.03	0.03	NR	0.03
2	NR	NR	0.02	0.03	NR	NR	0.03
3	NR	NR	0.03	0.03	0.03	NR	0.03
4	NR	NR	0.03	0.03	NR	NR	0.03
5	NR	NR	0.03	0.03	NR	NR	0.03
6	NR	NR	0.03	0.03	0.03	NR	0.03
7	NR	NR	0.03	0.03	NR	NR	0.03
8	NR	NR	0.03	0.03	NR	NR	0.03
9	NR	NR	0.03	0.03	0.03	NR	0.03
10	NR	NR	0.03	0.03	NR	NR	0.03
11	NR	NR	0.03	0.03	0.03	NR	0.03
12	NR	NR	0.03	0.03	NR	NR	0.03
13	NR	NR	0.03	0.03	NR	NR	0.03
14	NR	NR	0.03	0.03	NR	NR	0.03
15	NR	NR	0.03	0.03	0.03	NR	0.03
16	NR	NR	NR	0.04	0.04	NR	0.04
17	NR	NR	0.03	0.04	0.04	NR	0.04
18	NR	NR	0.03	0.04	NR	NR	0.04
19	NR	NR	0.03	0.04	NR	NR	0.04
20	NR	NR	0.03	0.03	NR	NR	0.03
21	NR	NR	0.03	0.04	0.03	NR	0.04
22	NR	NR	0.03	0.04	NR	NR	0.04
23	NR	NR	0.03	0.04	NR	NR	0.04
24	NR	NR	0.03	0.04	0.04	NR	0.04
25	NR	NR	0.03	0.04	NR	NR	0.04
26	NR	NR	0.04	0.04	NR	NR	0.04
27	NR	NR	0.04	0.04	NR	NR	0.04
28	NR	NR	0.02	0.03	NR	NR	0.03
29	NR	NR	0.03	0.03	NR	NR	0.04
30	NR	NR	0.04	0.04	NR	NR	0.04
31	NR	NR	0.04	0.04	NR	NR	0.04
0.04							

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of the 4 hour turbidity readings ≤ 0.3 NTU? <i>Yes</i> / No	CT's met everyday? (see back) <i>Yes</i> / No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? <i>Yes</i> / No
All the 4 hour turbidity readings ≤ 1 NTU? <i>Yes</i> / No		
All turbidity readings ≤ IFE ² triggers? <i>Yes</i> / No ²		
Plant OFF-LINE 12/27/22 due to power outage	0.04	<i>Raymond S. Doan</i>
	0.04 <i>[Signature]</i>	DATE: 4/4/23
	PHONE #: (541) 396-4614	CERT #: T-2651 <i>FE</i>

OHA - Drinking Water Program - Surface Water Quality Data Form

Certification
Drinking Water Services
Required Log
Inactivation: 0.5

COQUILLE, CITY OF ID #: OR4100213 WTP-: WTP-A Month/Year: Mar-23

Date / Time	Residual At 1 st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/l]	[minutes]	C x T	[° C]	S.U.	Formula	Yes / No	[GPM]
1 / 8:20	1.1	48	53	7.0	7.0	8	Yes	875
2 / 8:40	1.0	48	48	8.0	7.0	22	Yes	865
3 / 8:25	0.8	48	38	8.0	7.1	22	Yes	865
4 / 9:30	0.9	48	43	10.0	7.1	20	Yes	865
5 / 9:45	0.8	48	38	8.0	7.1	22	Yes	855
6 / 8:20	0.9	48	43	8.0	7.0	22	Yes	855
7 / 8:20	1.0	48	48	8.0	7.0	8	Yes	855
8 / 8:20	1.1	48	53	7.0	7.0	24	Yes	860
9 / 8:35	1.5	48	72	7.0	7.1	26	Yes	855
10 / 8:15	0.9	48	43	8.0	7.0	22	Yes	865
11 / 9:45	0.8	48	38	8.0	7.0	22	Yes	855
12 / 10:05	0.9	48	43	9.0	7.1	21	Yes	855
13 / 8:15	1.0	48	48	10.0	7.0	19	Yes	870
14 / 7:45	1.1	48	53	8.0	7.0	22	Yes	820
15 / 8:10	1.5	48	72	8.0	7.0	23	Yes	845
16 / 8:50	1.4	48	67	8.0	7.0	23	Yes	850
17 / 8:25	1.3	48	62	9.0	7.0	21	Yes	820
18 / 9:50	1.2	48	58	10.0	7.1	20	Yes	840
19 / 9:30	0.9	48	43	9.0	7.0	20	Yes	810
20 / 8:20	1.0	48	48	9.0	7.0	21	Yes	840
21 / 8:55	1.2	48	58	9.0	7.0	21	Yes	830
22 / 8:15	1.1	48	53	9.0	7.0	21	Yes	860
23 / 8:30	1.3	48	62	9.0	7.0	21	Yes	830
24 / 8:15	1.3	48	62	9.0	7.0	21	Yes	850
25 / 9:10	0.9	48	48	10.0	7.0	19	Yes	850
26 / 9:40	1.0	48	48	10.0	7.0	19	Yes	850
27 / 8:15	1.3	48	62	9.0	7.0	21	Yes	850
28 / 8:25	1.1	48	53	9.0	7.0	21	Yes	830
29 / 8:15	1.2	48	58	9.0	7.1	22	Yes	840
30 / 8:30	1.3	48	62	9.0	7.0	21	Yes	840
31 / 8:15	1.2	48	58	10.0	7.0	20	Yes	845

Month / Year : Mar-23

City of Coquille Daily Chlorine and pH Report

Day	Chlorine				pH				Hours of Operation				CL17 Analyzer Reading	Alkalinity
	2	3	4	5	2	3	4	5	Reading	Plant Hrs	R.C.	River		
1	1.1	1.2	1.1	0.9	7.0	7.0	7.0	7.1	177.7	10.4	x		1.36	
2	1.0	0.9	1.0	0.7	7.0	7.0	7.0	7.1	188.1	7.1	x		1.33	
3	0.8	1.0	1.1	0.8	7.1	7.0	7.0	7.0	195.2	11.5	x		1.29	
4	0.9	1.1	1.0	0.7	7.1	7.0	7.0	7.0	206.7	7.7	x		1.38	
5	0.8	1.0	0.7	0.6	7.1	7.0	7.0	7.0	214.4	6.1	x		1.37	
6	0.9	1.1	1.1	0.9	7.0	7.0	7.0	7.0	220.5	12.1	x		1.32	15.0
7	1.0	1.1	1.1	0.7	7.0	7.0	7.0	7.0	233.2	8.4	x		1.39	
8	1.1	1.1	0.8	0.8	7.0	7.0	7.0	7.0	241.6	9.1	x		1.22	
9	1.5	1.0	0.8	0.7	7.1	7.0	7.0	7.0	250.7	10.6	x		1.34	
10	0.9	1.0	1.0	0.8	7.0	7.0	7.0	7.0	261.3	7.7	x		1.35	
11	0.8	1.1	0.9	0.8	7.0	7.0	7.0	7.0	269.0	10.4	x		1.43	
12	0.9	1.1	1.0	0.8	7.1	7.1	7.0	7.0	279.4	5.5	x		1.40	
13	1.0	1.1	1.5	0.8	7.0	7.1	7.0	7.0	284.9	8.1	x		1.38	15.0
14	1.1	0.6	1.0	0.7	7.0	7.0	7.0	7.0	293.0	7.0	x		1.31	
15	1.5	0.6	1.0	0.6	7.0	7.0	7.0	7.0	300.2	11.3	x		1.41	
16	1.4	1.1	1.2	0.5	7.0	7.0	7.0	7.0	311.3	10.4	x		1.47	
17	1.3	1.1	1.0	0.7	7.0	7.1	7.0	7.1	321.7	8.3	x		1.43	
18	1.2	1.0	1.1	0.9	7.1	7.0	7.0	7.0	330.0	10.1	x		1.47	
19	0.9	1.0	1.1	1.0	7.0	7.0	7.0	7.0	340.1	6.8	x		1.47	
20	1.0	1.1	1.2	0.8	7.0	7.0	7.0	7.0	346.9	6.9	x		1.46	15.0
21	1.2	0.9	1.3	1.1	7.0	7.0	7.0	7.0	353.8	10.0	x		1.43	
22	1.1	1.1	0.7	0.6	7.0	7.0	7.0	7.1	363.8	7.5	x		1.42	
23	1.3	1.0	1.5	1.2	7.0	7.0	7.0	7.0	371.3	7.5	x		1.40	
24	1.3	1.5	1.5	1.0	7.0	7.0	7.0	7.0	378.8	11.0	x		1.45	
25	0.9	1.2	1.2	1.3	7.0	7.0	7.0	7.0	389.8	7.3	x		1.41	
26	1.0	0.9	0.8	0.8	7.0	7.1	7.0	7.0	397.1	5.4	x		1.36	
27	1.3	0.5	1.1	0.7	7.0	7.1	7.0	7.0	402.5	8.7	x		1.39	15.0
28	1.1	0.9	1.2	0.9	7.0	7.0	7.1	7.1	411.2	8.4	x		1.48	
29	1.2	0.9	0.9	0.5	7.1	7.0	7.0	7.1	419.6	9.4	x		1.47	
30	1.3	1.3	0.8	0.7	7.0	7.0	7.0	7.0	429.0	8.3	x		1.42	
31	1.2	1.1	0.8	0.9	7.0	7.0	7.0	7.0	437.3	7.8	x		1.45	

Sample Points _____
 Final Water Tap _____
 MGRES _____
 Sewage Plant _____

266.8 _____
 16.087 Million Gallons _____
 n/a Pounds _____
 n/a Pounds _____
 n/a Pounds _____
 100 Pounds _____
 2.936 Million Pounds _____

Drinking Water Services
 Certification

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City of Coquille Water Plant Report

44986

RAW WATER			PH			TURBIDITY		ISOPAC 835		FLOURIDE		SODA ASH		Temperature °C	Settled Water Turbidity	0.88	Soda Ash Tank Inches	Highest Turbidity of the Day	
Date	River MGD	Rink Creek MGD	Post		Salt	RAW	Final	Raw Water	mL / Min	Machine Setting	Speed / Stroke	Bags Used	mL / Min						Machine Setting
			Scale Reading	Feed Rate mL / Min										Bags Used					
1		0.546	50/55		0	6.9	7.0	0.8	40	SCM	41/41	0	53	51/45	7.0	0.70		12	0.03
2		0.368	50/55		1	6.9	7.0	0.8		SCM	41/41	0		51/45	7.0	0.70		17 1/2	0.03
3		0.597	50/55		0	7.0	7.1	1.1		SCM	41/41	0		51/45	8.0	0.80		16 1/4	0.03
4		0.400	50/55		1	6.9	7.1	1.6		SCM	41/41	0		51/45	7.0	0.50		14 1/2	0.03
5		0.313	50/55		0	6.9	7.1	1.6		SCM	41/41	0		51/45	8.0	0.60		13	0.03
6		0.652	50/55		0	6.9	7.0	1.6		SCM	41/41	0		51/45	7.0	0.50		12	0.03
7		0.431	50/55		1	6.9	7.0	1.5		SCM	41/41	0		51/45	7.0	0.60		10	0.03
8		0.470	50/55		0	6.9	7.0	2.4		SCM	41/41	1		51/45	7.0	0.30		16 3/4	0.03
9		0.547	50/55		1	6.9	7.1	2.4		SCM	41/41	0		51/45	7.0	0.80		14 3/4	0.03
10		0.400	50/55		0	6.9	7.0	2.3		SCM	41/41	0		51/45	7.0	0.70		12 3/4	0.03
11		0.534	50/55		0	6.9	7.0	4.6		SCM	41/41	0		51/45	8.0	0.80		18	0.03
12		0.282	50/55		1	6.9	7.1	3.1		SCM	41/41	0		51/45	8.0	0.90		15 1/4	0.03
13		0.423	50/55		1	6.9	7.0	3.2		SCM	41/41	0		51/45	8.0	0.80		13 3/4	0.03
14		0.344	50/55		0	6.9	7.0	3.3		SCM	41/41	0		51/45	7.0	0.80		11 1/4	0.03
15		0.573	50/55		0	6.9	7.0	3.6		SCM	41/41	0		51/45	7.0	0.90		17	0.03
16		0.530	50/55		1	7.0	7.0	2.0		SCM	41/41	0		51/45	7.0	0.80		13 3/4	0.04
17		0.408	50/55		0	7.0	7.0	2.1		SCM	41/41	0		51/45	8.0	0.10		10 1/2	0.04
18		0.509	50/55		0	6.9	7.1	2.5		SCM	41/41	0		51/45	8.0	0.10		22 1/2	0.04
19		0.330	50/55		1	6.8	7.0	2.1		SCM	41/41	0		51/45	9.0	0.10		21	0.04
20		0.348	50/55		0	6.9	7.0	2.5		SCM	41/41	1		51/45	8.0	0.10		19 1/2	0.03
21		0.498	50/55		1	6.8	7.0	2.5		SCM	41/41	0		51/45	8.0	0.20		18	0.04
22		0.387	50/55		0	6.9	7.0	2.5		SCM	41/41	0		51/45	8.0			16 3/4	0.04
23		0.374	50/55		0	6.8	7.0	2.1		SCM	41/41	0		51/45	8.0	1.00		15 1/4	0.04
24		0.561	50/55		1	6.9	7.0	2.8		SCM	41/41	0		51/45	8.0	0.10		13 3/4	0.04
25		0.372	50/55		1	6.8	7.0	1.9		SCM	41/41	0		51/45	8.0	0.10		18 3/4	0.04
26		0.275	50/55		0	6.8	7.0	1.4		SCM	41/41	0		51/45	8.0	0.10		17	0.04
27		0.444	50/55		0	6.9	7.0	1.1		SCM	41/41	0		51/45	8.0	0.50		16	0.04
28		0.418	50/55		1	6.9	7.0	1.0		SCM	41/41	1		51/45	8.0	0.80		14 1/4	0.03
29		0.474	50/55		0	6.9	7.1	2.0		SCM	41/41	0		51/45	8.0	0.80		12 1/2	0.04
30		0.418	50/55		1	6.9	7.0	1.8		SCM	41/41	0		51/45	8.0	0.50		18	0.04
31		0.395	50/55		0	6.9	7.0	1.3		SCM	41/41	0		51/45	8.0	.8/		16 1/2	0.04

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Certification
Drinking Water

Daily Fluoride, Production & Chlorination Report

Water System: City of Coquille

Number of Services: 1,806 Population Served: 3866

Chlorine Product Used: NaOCL Strength: 0.80%

Make & Type of Chlorinator: W & T OSC

Month / Year : Mar-23

Source of Water: Rink Creek

Free Chlorine Residual Tests
Test Method: DPD
2. Knowlton Heights
3. WWTP, Sink Tap
4. Steel Tank
5. Random Point - Oerding Hts

Day of Month	Reading Gallons	Daily Water Production	Finished Water Fluoride MG/L	SP #2	SP #3	SP #4	SP #5	Remarks
				PPM	PPM	PPM	PPM	
1	Calculated	546	0.64	1.1	1.2	1.1	0.9	
2	" "	368	0.67	1.0	0.9	1.0	0.7	
3		597	0.65	0.8	1.0	1.1	0.8	
4		400	0.77	0.9	1.1	1.0	0.7	
5		313	0.80	0.8	1.0	0.7	0.6	
6		652	0.75	0.9	1.1	1.1	0.9	
7	" "	431	0.78	1.0	1.1	1.1	0.7	
8		470	0.68	1.1	1.1	0.8	0.8	
9		547	0.63	1.5	1.0	0.8	0.7	
10	" "	400	0.60	0.9	1.0	1.0	0.8	
11	" "	534	0.79	0.8	1.1	0.9	0.8	
12	" "	282	0.84	0.9	1.1	1.0	0.8	
13	" "	423	0.75	1.0	1.1	1.5	0.8	
14	" "	344	0.80	1.1	0.6	1.0	0.7	
15	" "	573	0.72	1.5	0.6	1.0	0.6	
16	" "	530	0.78	1.4	1.1	1.2	0.5	
17	" "	408	0.83	1.3	1.1	1.0	0.7	
18	" "	509	0.68	1.2	1.0	1.1	0.9	
19	" "	330	0.41	0.9	1.0	1.1	1.0	
20	" "	348	0.51	1.0	1.1	1.2	0.8	
21	" "	498	0.49	1.2	0.9	1.3	1.1	
22	" "	387	0.54	1.1	1.1	0.7	0.6	
23	" "	374	0.74	1.3	1.0	1.5	1.2	
24	" "	561	0.70	1.3	1.5	1.5	1.0	
25	" "	372	0.71	0.9	1.2	1.2	1.3	
26	" "	275	0.69	1.0	0.9	0.8	0.8	
27	" "	444	0.72	1.3	0.5	1.1	0.7	
28	" "	418	0.72	1.1	0.9	1.2	0.9	
29		474	0.78	1.2	0.9	0.9	0.5	
30		418	0.68	1.3	1.3	0.8	0.7	
31		395	0.70	1.2	1.1	0.8	0.9	