


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

System Name: COQUILLE, CITY OF ID:OR4100213 WTP-:WTP-A Month/Year: Jul-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	0.02	0.02	0.02	0.02
2	NR	NR	0.02	0.02	0.02	NR	0.02
3	NR	NR	0.02	0.02	0.02	NR	0.03
4	NR	NR	NR	0.02	NR	NR	0.02
5	NR	NR	0.02	0.02	0.02	0.02	0.02
6	NR	NR	0.03	0.02	NR	NR	0.03
7	NR	NR	0.02	0.02	0.02	0.02	0.02
8	NR	NR	NR	0.02	0.02	NR	0.02
9	NR	NR	0.02	0.02	0.03	NR	0.03
10	NR	NR	0.02	0.02	0.02	NR	0.02
11	NR	NR	0.02	0.02	0.02	NR	0.02
12	NR	NR	0.02	0.02	0.02	0.02	0.02
13	NR	NR	0.02	0.02	0.02	NR	0.02
14	NR	NR	0.02	0.02	0.02	NR	0.02
15	NR	NR	0.02	0.02	0.02	NR	0.02
16	NR	NR	0.02	0.02	0.02	0.02	0.02
17	NR	NR	0.02	0.03	0.02	NR	0.03
18	NR	NR	0.02	0.02	0.02	NR	0.02
19	NR	NR	0.03	0.03	0.02	NR	0.03
20	NR	NR	0.02	0.03	0.02	NR	0.03
21	NR	NR	0.02	0.03	0.03	0.02	0.03
22	NR	NR	0.03	0.03	0.03	NR	0.03
23	NR	NR	0.03	0.03	0.03	0.03	0.03
24	NR	NR	0.03	0.03	0.03	NR	0.03
25	NR	NR	0.03	0.03	0.03	NR	0.03
26	NR	NR	0.03	0.03	0.03	NR	0.03
27	NR	NR	0.03	0.04	0.03	NR	0.04
28	NR	NR	0.04	0.04	0.04	0.04	0.04
29	NR	NR	0.04	0.04	0.04	0.04	0.04
30	NR	NR	0.04	0.05	0.04	NR	0.05
31	NR	NR	0.04	0.04	0.04	0.04	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 / No</i>	CT's met everyday? (see back) <i>Yes / No</i>	All Cl ₂ residual at entry point ≥ 0.2 mg/l? <i>Yes / No</i>	
All the 4 hour turbidity readings ≤ 1 NTU? <i>Yes / No</i>			
All turbidity readings ≤ IFE ² triggers? <i>Yes / No</i> ²			
	0.04	<i>Raymond S. Doan</i>	
	0.04	DATE: <i>8/2/23</i>	
	PHONE #: (541) 396-4614	CERT #:	T-2651 <i>fe</i>

OHA - Drinking Water Program - Surface Water Quality Data Form

COQUILLE, CITY OF ID #: OR4100213 WTP-: WTP-A Month/Year: Jul-23 Required Log Inactivation: 0.5

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 / 10:25	0.8	48	38	22.0	7.0	8	Yes	1090
2 / 9:40	0.8	48	38	22.0	7.0	8	Yes	1030
3 / 8:20	0.8	48	38	21.0	7.0	9	Yes	1060
4 / 8:50	0.9	48	43	22.0	7.0	8	Yes	1060
5 / 8:30	0.8	48	38	22.0	7.0	8	Yes	1060
6 / 8:30	0.8	48	38	22.0	7.0	8	Yes	1060
7 / 8:30	0.8	48	38	21.0	7.0	8	Yes	1070
8 / 9:45	0.8	48	38	23.0	7.1	8	Yes	1050
9 / 10:00	0.8	48	38	22.0	7.1	9	Yes	1030
10 / 8:15	0.9	48	43	22.0	7.0	8	Yes	1060
11 / 10:55	1.1	48	53	23.0	7.0	8	Yes	1060
12 / 8:15	0.8	48	38	22.0	7.0	8	Yes	1060
13 / 8:30	0.9	48	43	22.0	7.0	8	Yes	1055
14 / 8:15	0.9	48	43	22.0	7.0	8	Yes	1060
15 / 9:50	0.9	48	43	23.0	7.1	8	Yes	1070
16 / 9:55	0.8	48	38	23.0	7.0	8	Yes	1070
17 / 8:45	0.8	48	38	23.0	7.0	8	Yes	1060
18 / 8:30	0.8	48	38	23.0	7.0	8	Yes	1060
19 / 8:25	0.8	48	38	23.0	7.0	8	Yes	1050
20 / 8:50	0.8	48	38	23.0	7.0	8	Yes	1045
21 / 8:15	0.9	48	43	23.0	7.0	8	Yes	1070
22 / 9:50	0.7	48	34	23.0	7.1	8	Yes	1070
23 / 9:55	0.7	48	34	24.0	7.1	7	Yes	1040
24 / 8:30	0.8	48	38	24.0	7.1	8	Yes	1050
25 / 8:15	0.8	48	48	24.0	7.0	7	Yes	1050
26 / 8:20	0.8	48	38	23.0	7.0	8	Yes	1050
27 / 8:30	0.8	48	38	23.0	7.0	8	Yes	1060
28 / 8:15	0.8	48	38	23.0	7.0	8	Yes	1060
29 / 10:35	0.8	48	38	24.0	7.0	7	Yes	1060
30 / 9:50	0.7	48	34	23.0	7.0	8	Yes	1020
31 / 8:15	0.8	48	38	23.0	7.0	8	Yes	1020

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Data Mgmt & Compliance
Drinking Water Program

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 : Jul-23

Source of Water: Coquille River

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	961	0.76	0.8	0.8	0.8	0.7	
2	" "	501	0.68	0.8	0.8	0.7	0.7	
3		668	0.43	0.8	0.7	0.5	0.5	
4		542	0.54	0.9	0.6	0.5	0.3	
5		782	0.66	0.8	0.7	0.7	0.5	
6		490	0.66	0.8	0.6	0.3	0.5	
7	" "	1130	0.71	0.8	0.6	0.5	0.5	
8		630	0.65	0.8	0.7	0.5	0.8	
9		556	0.59	0.8	0.9	0.5	0.5	
10	" "	611	0.65	0.9	0.9	0.3	0.4	
11	" "	770	0.56	1.1	0.9	0.4	0.4	
12	" "	890	0.65	0.8	0.7	0.5	0.4	
13	" "	696	0.70	0.9	0.8	0.5	0.4	
14	" "	820	0.72	0.9	0.7	0.4	0.4	
15	" "	642	0.65	0.9	0.9	0.6	0.4	
16	" "	738	0.62	0.8	0.7	0.6	0.3	
17	" "	636	0.63	0.8	0.7	0.6	0.3	
18	" "	731	0.49	0.8	0.5	0.4	0.3	
19	" "	806	0.55	0.8	0.7	0.5	0.2	
20	" "	665	0.64	0.8	0.7	0.3	0.3	
21	" "	912	0.69	0.9	0.7	0.5	0.3	
22	" "	623	0.69	0.7	0.8	0.6	0.3	
23	" "	743	0.73	0.7	0.7	0.5	0.2	
24	" "	712	0.53	0.8	0.4	0.5	0.3	
25	" "	674	0.46	0.8	0.4	0.3	0.3	
26	" "	693	0.43	0.8	0.6	0.5	0.2	
27	" "	738	0.63	0.8	0.7	0.7	0.3	
28	" "	922	0.71	0.8	0.6	0.4	0.2	
29		827	0.69	0.8	0.6	0.4	0.2	
30		514	0.68	0.7	0.6	0.4	0.2	
31		1028	0.59	0.8	0.6	0.3	0.2	

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Data Mgmt & Compliance
 Drinking Water Program

City of Coquille Water Plant Report

45108

RAW WATER		PH		TURBIDITY		ISOPAC 835		FLOURIDE		SODA ASH		Temperature °C		Settled Water Turbidity		Soda Ash Tank Inches		Highest Turbidity of the Day	
Date	River MGD	Rink Creek MGD	Post		RAW	Final	Raw Water	mL / Min	Machine Setting	Speed / Stroke	Bags Used	mL / Min	Machine Setting	Temperature °C	Settled Water Turbidity	Soda Ash Tank Inches	Highest Turbidity of the Day		
			Scale Reading	Feed Rate mL / Min														Salt Bags Used	
1	0.961		50/55		6.7	7.0	6.3	40	SCM	41/41	0	53	51/45	22.0	0.50	0.88	20 1/2	0.02	0.02
2	0.501		50/55		6.7	7.0	10.1		SCM	41/41	0		51/45	22.0	0.50		18 1/2	0.02	0.02
3	0.668		50/55		7.0	7.0	1.9		SCM	41/41	1		51/45	22.0	0.50		17 1/4	0.03	0.03
4	0.542		50/55		7.0	7.0	2.6		SCM	41/41	0		51/45	23.0	0.10		22 1/2	0.02	0.02
5	0.782		50/55		6.9	7.0	3.3		SCM	41/41	0		51/45	23.0	0.50		22 1/2	0.02	0.02
6	0.490		50/55		6.8	7.0	3.4		SCM	41/41	0		51/45	23.0	0.60		21 1/4	0.03	0.03
7	1.130		50/55		6.9	7.0	4.3		SCM	41/41	0		51/45	23.0	0.80		20 1/4	0.02	0.02
8	0.630		50/55		6.8	7.1	3.5		SCM	41/41	0		51/45	23.0	0.80		17	0.02	0.02
9	0.566		50/55		6.8	7.1	3.1		SCM	41/41	0		51/45	23.0	0.50		15 1/2	0.03	0.03
10	0.611		50/55		6.9	7.0	3.4		SCM	41/41	1		51/45	23.0	0.70		13 3/4	0.02	0.02
11	0.770		50/55		6.9	7.0	3.0		SCM	41/41	0		51/45	23.0	0.70		18 1/2	0.02	0.02
12	0.890		50/55		6.9	7.0	2.6		SCM	41/41	0		51/45	23.0	0.40		17	0.02	0.02
13	0.696		50/55		6.9	7.0	1.0		SCM	41/41	0		51/45	23.0	0.40		14 1/2	0.02	0.02
14	0.820		50/55		6.9	7.0	0.8		SCM	41/41	0		51/45	24.0	0.30		12 1/2	0.02	0.02
15	0.642		50/55		7.0	7.1	5.8		SCM	41/41	0		51/45	24.0	0.70		19	0.02	0.02
16	0.738		50/55		6.9	7.0	5.9		SCM	41/41	0		51/45	24.0	0.80		18	0.02	0.02
17	0.636		50/55		6.8	7.0	4.5		SCM	41/41	0		51/45	24.0	0.80		16 3/4	0.03	0.03
18	0.731		50/55		6.9	7.0	4.0		SCM	41/41	1		51/45	24.0	0.10		15 3/4	0.02	0.02
19	0.806		50/55		6.9	7.0	4.4		SCM	41/41	0		51/45	24.0	0.10		14 3/4	0.03	0.03
20	0.665		50/55		7.0	7.0	4.6		SCM	41/41	0		51/45	24.0	0.10		10 3/4	0.03	0.03
21	0.912		50/55		7.0	7.0	4.7		SCM	41/41	0		51/45	24.0	0.10		15	0.03	0.03
22	0.623		50/55		6.9	7.1	5.2		SCM	41/41	0		51/45	24.0	0.10		19 1/2	0.03	0.03
23	0.743		50/55		6.9	7.1	3.6		SCM	41/41	0		51/45	25.0	0.20		17 3/4	0.03	0.03
24	0.712		50/55		6.9	7.1	2.8		SCM	41/41	0		51/45	24.0	0.10		15 1/2	0.03	0.03
25	0.674		50/55		6.9	7.0	3.0		SCM	41/41	1		51/45	25.0	0.20		13 1/2	0.03	0.03
26	0.693		50/55		6.9	7.0	3.4		SCM	41/41	0		51/45	24.0	0.20		11 1/2	0.03	0.03
27	0.738		50/55		7.0	7.0	2.4		SCM	41/41	0		51/45	24.0	0.40		17	0.04	0.04
28	0.922		50/55		7.0	7.0	6.6		SCM	41/41	0		51/45	24.0	0.50		15 1/2	0.04	0.04
29	0.827		50/55		6.9	7.0	3.9		SCM	41/41	0		51/45	24.0	0.10		18 3/4	0.04	0.04
30	0.514		50/55		6.9	7.0	5.6		SCM	41/41	0		51/45	24.0	0.10		15	0.05	0.05
31	1.028		50/55		6.9	7.0	9.9		SCM	41/41	0		51/45	24.0	0.10		12 3/4	0.04	0.04

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Data 2.4
Drinking Water Program

Month / Year : Jul-23

City of Coquille Daily Chlorine and pH Report

Day	Chlorine					pH					Hours of Operation			River	Analyzer Reading	Alkalinity
	2	3	4	5		2	3	4	5		Reading	Plant Hrs	R.C.			
1	0.8	0.8	0.8	0.7	0.7	7.0	7.1	7.1	7.2	7.2	248.3	14.7		X	1.32	
2	0.8	0.8	0.7	0.7	0.7	7.0	7.1	7.1	7.2	7.2	263.0	8.1		X	1.21	
3	0.8	0.7	0.5	0.5	0.5	7.0	7.0	7.0	7.0	7.0	271.1	10.5		X	1.18	30.0
4	0.9	0.6	0.5	0.3	0.3	7.0	7.0	7.0	7.0	7.0	281.6	8.5		X	1.08	
5	0.8	0.7	0.7	0.5	0.5	7.0	7.0	7.0	7.0	7.0	290.1	12.3		X	1.07	
6	0.8	0.6	0.3	0.5	0.5	7.0	7.0	7.0	7.0	7.0	302.4	7.7		X	0.96	
7	0.8	0.6	0.5	0.5	0.5	7.0	7.0	7.0	7.0	7.0	310.1	17.6		X	1.12	
8	0.8	0.7	0.5	0.8	0.8	7.1	7.2	7.2	7.2	7.2	327.7	10.0		X	1.47	
9	0.8	0.9	0.5	0.5	0.5	7.1	7.1	7.1	7.2	7.3	337.7	9.0		X	1.40	
10	0.9	0.9	0.3	0.4	0.4	7.0	7.0	7.0	7.0	7.0	346.7	9.6		X	1.35	30.0
11	1.1	0.9	0.4	0.4	0.4	7.0	7.0	7.0	7.0	7.0	356.3	12.1		X	1.33	
12	0.8	0.7	0.5	0.4	0.4	7.0	7.0	7.0	7.0	7.0	368.4	14.0		X	1.36	
13	0.9	0.8	0.5	0.4	0.4	7.0	7.0	7.0	7.0	7.0	382.4	11.0		X	1.43	
14	0.9	0.7	0.4	0.4	0.4	7.0	7.0	7.0	7.0	7.0	393.4	12.9		X	1.45	
15	0.9	0.9	0.6	0.4	0.4	7.1	7.2	7.2	7.2	7.3	406.3	10.0		X	1.41	
16	0.8	0.7	0.6	0.3	0.3	7.0	7.2	7.2	7.3	7.3	416.3	11.5		X	1.38	
17	0.8	0.7	0.6	0.3	0.3	7.0	7.1	7.1	7.1	7.2	427.8	10.0		X	1.28	65.0
18	0.8	0.5	0.4	0.3	0.3	7.0	7.0	7.0	7.0	7.0	437.8	11.5		X	1.30	
19	0.8	0.7	0.5	0.2	0.2	7.0	7.0	7.0	7.0	7.0	449.3	12.8		X	1.28	
20	0.8	0.7	0.3	0.3	0.3	7.0	7.0	7.0	7.0	7.0	462.1	10.6		X	1.34	
21	0.9	0.7	0.5	0.3	0.3	7.0	7.0	7.0	7.0	7.0	472.7	14.2		X	1.21	
22	0.7	0.8	0.6	0.3	0.3	7.1	7.1	7.1	7.2	7.2	486.9	9.7		X	1.36	
23	0.7	0.7	0.5	0.2	0.2	7.1	7.1	7.1	7.2	7.2	496.6	11.9		X	1.36	
24	0.8	0.4	0.5	0.3	0.3	7.1	7.0	7.0	7.0	7.0	508.5	11.3		X	1.30	40.0
25	0.8	0.4	0.3	0.3	0.3	7.0	7.0	7.0	7.0	7.0	519.8	10.7		X	1.28	
26	0.8	0.6	0.5	0.2	0.2	7.0	7.0	7.0	7.0	7.0	530.5	11.0		X	1.30	
27	0.8	0.7	0.7	0.3	0.3	7.0	7.0	7.0	7.0	7.0	541.5	11.6		X	1.30	
28	0.8	0.6	0.4	0.2	0.2	7.0	7.0	7.0	7.0	7.0	553.1	14.5		X	1.35	
29	0.8	0.6	0.4	0.2	0.2	7.0	7.1	7.1	7.2	7.2	567.6	13.0		X	1.37	
30	0.7	0.6	0.4	0.2	0.2	7.0	7.2	7.2	7.3	7.3	580.6	8.4		X	1.42	
31	0.8	0.6	0.3	0.2	0.2	7.0	7.0	7.0	7.1	7.1	589.0	16.8		X	1.43	35.0

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Sample Points _____
 Final Water Tap _____
 MGRES _____
 Data mgmt & Compliance Sewage Plant _____
 Drinking Water Program _____

357.5
 16.087 Million Gallons
 n/a Pounds
 n/a Pounds
 n/a Pounds
 100 Pounds
 2.936 Million Pounds