

# 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:** Dec-24

DAY	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day <sup>1</sup> [NTU]
1	NR	NR	0.02	0.02	0.02	NR	0.02
2	NR	NR	0.02	0.02	0.02	NR	0.02
3	NR	NR	0.02	0.02	NR	NR	0.02
4	NR	NR	0.02	0.02	NR	NR	0.02
5	NR	NR	0.02	0.02	0.02	NR	0.02
6	NR	NR	0.03	0.02	NR	NR	0.03
7	NR	NR	0.02	0.02	0.02	NR	0.02
8	NR	NR	0.03	0.02	NR	NR	0.03
9	NR	NR	0.04	0.02	NR	NR	0.04
10	NR	NR	0.02	0.02	NR	NR	0.02
11	NR	NR	0.02	0.02	0.02	NR	0.02
12	NR	NR	0.02	0.02	NR	NR	0.02
13	NR	NR	0.04	0.02	0.02	NR	0.04
14	NR	NR	0.04	0.02	0.02	NR	0.04
15	NR	NR	0.02	0.02	0.02	NR	0.02
16	NR	NR	0.03	0.02	NR	NR	0.03
17	NR	NR	0.03	0.02	0.03	NR	0.03
18	NR	NR	0.03	0.04	0.06	NR	0.06
19	NR	NR	0.06	0.05	0.05	NR	0.06
20	NR	NR	0.06	0.02	NR	NR	0.06
21	NR	NR	0.02	0.02	0.02	NR	0.02
22	NR	NR	0.02	0.02	NR	NR	0.02
23	NR	NR	0.02	0.02	NR	NR	0.02
24	NR	NR	0.02	0.02	0.02	NR	0.02
25	NR	NR	NR	NR	NR	NR	
26	NR	NR	0.02	0.02	0.02	NR	0.02
27	NR	NR	0.02	0.02	0.02	NR	0.02
28	NR	NR	0.02	0.03	NR	NR	0.03
29	NR	NR	0.02	0.02	NR	NR	0.02
30	NR	NR	0.02	0.02	NR	NR	0.02
31	NR	NR	0.02	0.02	0.02	NR	0.02

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of the 4 hour turbidity readings ≤ 0.3 NTU? <input checked="" type="radio"/> Yes / No	CT's met everyday? (see back) <input checked="" type="radio"/> Yes / No	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? Yes / No
All the 4 hour turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes / No		
All turbidity readings ≤ IFE <sup>2</sup> triggers? <input checked="" type="radio"/> Yes / No <sup>2</sup>		
<div style="text-align: right; font-family: cursive;">Gary Dagit</div>		DATE: 1/6/25
PHONE #: ( 541 ) 396-4614		CERT #: 09435

## OHA - Drinking Water Program - Surface Water Quality Data Form

COQUILLE, CITY OF ID #: OR4100213 WTP-: WTP-A

Month/Year: Dec-24

Required Log Inactivation: 0.5

Date / Time	Residual At 1 <sup>st</sup> User (C) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/l]	[minutes]	C x T	[° C]	S.U.	Formula	Yes / No	[GPM]
1 / 9:15	1.1	48	53	11.0	7.2	20	Yes	1025
2 / 8:15	1.4	48	67	11.0	7.2	20	Yes	1025
3 / 8:25	2.0	48	96	10.0	7.2	23	Yes	1030
4 / 8:20	1.7	48	82	10.0	7.2	22	Yes	1030
5 / 8:30	1.7	48	82	10.0	7.1	22	Yes	1020
6 / 8:30	1.6	48	77	10.0	7.2	22	Yes	1010
7 / 9:00	1.3	48	62	11.0	7.3	21	Yes	1010
8 / 9:15	1.3	48	62	10.0	7.3	22	Yes	1030
9 / 8:30	1.8	48	86	10.0	7.1	22	Yes	1030
10 / 11:30	1.6	48	77	10.0	7.1	21	Yes	1030
11 / 8:30	1.6	48	77	10.0	7.1	21	Yes	1030
12 / 8:45	1.2	48	58	10.0	7.3	22	Yes	1020
13 / 8:30	1.4	48	67	10.0	7.3	22	Yes	1020
14 / 9:00	1.6	48	77	10.0	7.3	23	Yes	1015
15 / 9:00	1.3	48	62	10.0	7.3	22	Yes	1020
16 / 8:20	1.3	48	62	10.0	7.3	22	Yes	1025
17 / 8:20	1.1	48	52	10.0	7.4	22	Yes	1015
18 / 8:30	1.4	48	67	10.0	7.3	22	Yes	1015
19 / 8:30	1.6	48	77	10.0	7.1	21	Yes	1015
20 / 9:15	1.4	48	67	11.0	7.2	20	Yes	1010
21 / 9:30	1.4	48	67	11.0	7.2	20	Yes	1015
22 / 9:00	1.2	48	58	10.0	7.3	22	Yes	1025
23 / 8:30	1.1	48	52	12.0	7.2	18	Yes	1025
24 / 8:15	1.4	48	67	11.0	7.3	21	Yes	1010
25 / 9:00								
26 / 8:15	1.2	48	58	11.0	7.2	20	Yes	1020
27 / 8:15	1.5	48	72	11.0	7.2	20	Yes	1010
28 / 9:15	1.2	48	58	11.0	7.2	20	Yes	1015
29 / 9:15	1.6	48	77	11.0	7.2	21	Yes	1015
30 / 8:15	1.2	48	58	11.0	7.2	20	Yes	1015
31 / 8:20	1.4	48	67	10.0	7.2	22	Yes	1015

**City of Coquille Water Plant Report**

**Dec-24**

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		
1		0.412	50/55		7.2	7.2	2.7	40	SCM	41/41	0	53	51/45	10.0	0.01	18	0.02			
2		0.597	50/55	0	6.8	7.2	2.7		SCM	41/41	0		51/45	10.0	0.01	24	0.02			
3		0.328	50/55	1	6.8	7.2	3.2		SCM	41/41	0		51/45	10.0	0.01	21	0.02			
4		0.389	50/55	2	6.8	7.2	2.5		SCM	41/41	1		51/45	10.0	0.01	27 1/2	0.02			
5		0.588	50/55	1	6.8	7.1	2.7		SCM	41/41	0		51/45	10.0	0.01	24 1/2	0.02			
6		0.515	50/55	3	6.8	7.2	3.2		SCM	41/41	0		51/45	10.0	0.01	21 1/2	0.03			
7		0.612	50/55	2	7.2	7.3	3.5		SCM	41/41	0		51/45	10.0	0.01	26	0.02			
8		0.377	50/55	2	7.2	7.3	2.1		SCM	41/41	0		51/45	9.0	0.01	22 1/2	0.03			
9		0.315	50/55	1	6.9	7.1	3.3		SCM	41/41	0		51/45	10.0	0.01	20 1/2	0.04			
10		0.488	50/55	1	6.9	7.1	1.7		SCM	41/41	0		51/45	9.0	0.01	17 1/2	0.02			
11		0.680	50/55	1	7.0	7.1	2.1		SCM	41/41	0		51/45	10.0	0.01	24 1/2	0.02			
12		0.318	50/55	2	6.8	7.3	2.0		SCM	41/41	0		51/45	10.0	0.01	20 1/2	0.02			
13		0.483	50/55	0	6.9	7.3	1.8		SCM	41/41	0		51/45	9.0	0.01	20	0.04			
14		0.615	50/55	2	7.3	7.3	2.3		SCM	41/41	0		51/45	9.0	0.01	23	0.04			
15		0.588	50/55	1	7.2	7.3	2.7		SCM	41/41	0		51/45	9.0	0.01	19 1/2	0.02			
16		0.375	50/55	2	6.9	7.3	2.7		SCM	41/41	1		51/45	9.0	0.01	18 1/2	0.03			
17		0.664	50/55	0	6.7	7.4	3.1		SCM	41/41	0		51/45	9.0	0.01	14 1/2	0.03			
18		0.420	50/55	2	6.9	7.3	2.3		SCM	41/41	0		51/45	9.0	0.01	18 1/2	0.06			
19		0.390	50/55	1	6.7	7.1	2.8		SCM	41/41	0		51/45	10.0	0.01	16 1/4	0.06			
20		0.539	50/55	2	6.7	7.2	2.8		SCM	41/41	0		51/45	10.0	0.01	22 1/4	0.06			
21		0.554	50/55	0	6.8	7.2	3.3		SCM	41/41	0		51/45	10.0	0.01	28	0.02			
22		0.357	50/55	0	6.8	7.3	3.6		SCM	41/41	0		51/45	10.0	0.01	24 1/2	0.02			
23		0.529	50/55	1	6.9	7.2	4.3		SCM	41/41	1		51/45	10.0	0.01	23	0.02			
24		0.642	50/55	3	6.9	7.3	1.5		SCM	41/41	0		51/45	10.0	0.01	20	0.02			
25			50/55	0					SCM	41/41	0		51/45			25				
26		0.783	50/55	1	6.9	7.2	1.3		SCM	41/41	0		51/45	10.0	0.01	25	0.02			
27		0.636	50/55	2	7.0	7.2	2.1		SCM	41/41	0		51/45	10.0	0.01	21 1/2	0.02			
28		0.518	50/55	1	6.8	7.2	2.3		SCM	41/41	0		51/45	10.0	0.01	26	0.03			
29		0.396	50/55	1	6.8	7.2	2.1		SCM	41/41	0		51/45	10.0	0.01	24	0.02			
30		0.524	50/55	0	6.8	7.2	2.3		SCM	41/41	0		51/45	10.0	0.01	22	2.00			
31		1.114	50/55	1	6.8	7.2	7.9		SCM	41/41	0		51/45	10.0	0.01	19 1/2	0.02			

# 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 : Dec-24

Source of Water: Rink Creek Res.

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	412	0.93	1.1	1.0	0.7	0.3	
2	" "	597	0.63	1.4	1.1	0.9	0.1	
3	" "	328	0.51	2.0	1.0	0.8	0.1	
4	" "	389	0.57	1.7	1.2	1.0	0.7	
5	" "	588	0.44	1.7	1.2	1.0	0.2	
6	" "	515	0.79	1.6	1.2	0.8	0.4	
7	" "	612	0.90	1.3	1.2	0.8	0.3	
8	" "	377	0.63	1.3	1.2	1.0	0.2	
9	" "	315	0.52	1.8	1.1	0.9	0.2	
10	" "	488	0.59	1.6	1.3	0.9	0.7	
11	" "	680	0.60	1.6	1.1	1.0	0.3	
12	" "	318	0.61	1.2	1.3	1.1	0.3	
13	" "	483	0.62	1.4	1.3	1.2	0.4	
14	" "	615	0.52	1.6	1.1	1.1	0.3	
15	" "	588	0.42	1.3	1.2	1.0	0.4	
16	" "	375	0.48	1.3	1.2	1.1	0.4	
17	" "	664	0.50	1.1	1.3	1.1	0.4	
18	" "	420	0.90	1.4	1.3	1.2	0.8	
19	" "	390	0.85	1.6	1.2	1.0	0.6	
20	" "	539	0.96	1.4	1.3	0.8	0.4	
21	" "	554	0.56	1.4	0.7	0.9	0.4	
22	" "	357	0.74	1.2	1.2	0.7	0.5	
23	" "	529	0.69	1.1	1.1	0.6	0.4	
24	" "	642	0.88	1.4	1.2	1.0	0.4	
25	" "							
26	" "	783	0.71	1.2	1.1	1.1	0.5	
27	" "	636	0.68	1.5	1.4	1.1	1.3	
28	" "	518	0.64	1.2	1.2	1.0	0.6	
29	" "	296	0.43	1.6	1.3	1.0	0.6	
30	" "	524	0.43	1.2	1.2	1.3	0.7	
31		1114	0.40	1.4	1.1	1.0	0.4	

Month / Year : Dec-24

City of Coquille Daily Chlorine and pH Report

Day	CL 2					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	1.0	0.7	0.3	7.2	7.4	7.4	7.3	600.6	6.7	X		1.66		
2	1.4	1.1	0.9	0.1	7.2	7.1	7.2	7.2	607.3	9.7	X		1.66		
3	2.0	1.0	0.8	0.1	7.2	7.1	7.2	7.3	617.0	5.3	X		1.86		
4	1.7	1.2	1.0	0.7	7.2	7.2	7.3	7.3	622.3	6.3	X		1.56		
5	1.7	1.2	1.0	0.2	7.1	7.1	7.2	7.3	628.6	9.6	X		1.36		
6	1.6	1.2	0.8	0.4	7.2	7.2	7.3	7.2	638.2	8.5	X		1.78		
7	1.3	1.2	0.8	0.3	7.3	7.3	7.3	7.3	646.7	10.1	X		1.47		
8	1.3	1.2	1.0	0.2	7.3	7.3	7.3	7.3	656.8	6.1	X		1.95		
9	1.8	1.1	0.9	0.2	7.1	7.2	7.2	7.3	662.9	5.1	X		1.83		
10	1.6	1.3	0.9	0.7	7.1	7.2	7.2	7.3	668.0	7.9	X		1.91		
11	1.6	1.1	1.0	0.3	7.1	7.3	7.3	7.3	675.9	11.0	X		1.76		
12	1.2	1.3	1.1	0.3	7.3	7.3	7.3	7.3	686.9	5.2	X		1.64		
13	1.4	1.3	1.2	0.4	7.3	7.3	7.3	7.4	692.1	7.9	X		1.52		
14	1.6	1.1	1.1	0.3	7.3	7.3	7.3	7.3	700.0	10.1	X		1.62		
15	1.3	1.2	1.0	0.4	7.3	7.3	7.3	7.3	710.1	9.6	X		1.44		
16	1.3	1.2	1.1	0.4	7.3	7.3	7.3	7.4	719.7	6.1	X		1.50		
17	1.1	1.3	1.1	0.4	7.4	7.3	7.3	7.2	725.8	10.9	X		1.55		
18	1.4	1.3	1.2	0.8	7.3	7.3	7.3	7.3	736.7	6.9	X		1.71		
19	1.6	1.2	1.0	0.6	7.1	7.1	7.1	7.2	743.6	6.4	X		1.60		
20	1.4	1.3	0.8	0.4	7.2	7.2	7.2	7.2	750.0	8.9	X		1.65		
21	1.4	0.7	0.9	0.4	7.2	7.1	7.2	7.2	758.9	9.1	X		1.64		
22	1.2	1.2	0.7	0.5	7.3	7.1	7.2	7.3	768.0	5.8	X		1.60		
23	1.1	1.1	0.6	0.4	7.2	7.2	7.3	7.3	773.8	8.6	X		1.97		
24	1.4	1.2	1.0	0.4	7.3	7.3	7.4	7.4	782.4	10.6	X		2.03		
25											X		1.89		
26	1.2	1.1	1.1	0.5	7.2	7.2	7.3	7.4	793.2	12.8	X		1.88		
27	1.6	1.4	1.1	1.3	7.2	7.2	7.3	7.3	806.0	10.5	X		1.75		
28	1.2	1.2	1.0	0.6	7.2	7.2	7.2	7.2	816.5	8.5	X		1.69		
29	1.6	1.3	1.0	0.6	7.2	7.2	7.3	7.3	825.0	6.5	X		1.71		
30	1.2	1.2	1.3	0.7	7.2	7.2	7.2	7.2	831.5	8.6	X		1.68		
31	1.4	1.1	1.0	0.4	7.2	7.2	7.2	7.2	840.1	18.2	X		1.74		

Sample Points

Final Water Tap

MGRES

Sewage Plant

257.5

16,087 Million Gallons

n/a Pounds

n/a Pounds

n/a Pounds

100 Pounds

2,936 Million Pounds

9.8