

**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: Oct-21**

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	NR	NR	0.03
3	NR	NR	0.03	0.02	NR	NR	0.03
4	NR	NR	0.03	0.02	NR	NR	0.03
5	NR	NR	0.02	0.02	NR	NR	0.02
6	NR	NR	0.02	0.02	NR	NR	0.02
7	NR	NR	0.02	0.02	NR	NR	0.02
8	NR	NR	0.02	0.02	NR	NR	0.02
9	NR	NR	0.02	0.02	NR	NR	0.02
10	NR	NR	0.02	0.02	NR	NR	0.02
11	NR	NR	0.02	0.02	NR	NR	0.02
12	NR	NR	0.03	0.02	NR	NR	0.03
13	NR	NR	0.03	0.03	0.03	NR	0.03
14	NR	NR	NR	0.03	0.03	NR	0.03
15	NR	NR	0.03	0.03	NR	NR	0.03
16	NR	NR	0.02	0.02	NR	NR	0.02
17	NR	NR	0.02	0.02	NR	NR	0.02
18	NR	NR	0.02	0.02	0.02	NR	0.02
19	NR	NR	0.02	0.02	NR	NR	0.02
20	NR	NR	0.02	0.02	NR	NR	0.02
21	NR	NR	0.02	0.02	NR	NR	0.02
22	NR	NR	0.02	0.02	0.02	NR	0.02
23	NR	NR	0.03	0.02	NR	NR	0.03
24	NR	NR	0.03	0.03	NR	NR	0.03
25	NR	NR	0.04	0.02	NR	NR	0.04
26	NR	NR	0.02	0.02	NR	NR	0.02
27	NR	NR	0.02	0.02	0.02	NR	0.02
28	NR	NR	0.02	0.02	0.02	NR	0.02
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	NR	NR	0.02
<b>0.03</b>							

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? <i>(see back)</i> <i>Yes</i> / No	All Cl <sub>2</sub> 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 <sup>2</sup> triggers? <i>Yes</i> / No <sup>2</sup>		
Notes:  <b>RECEIVED</b> <b>NOV 05 2021</b>  <i>Data Mgmt. &amp; Compliance Drinking Water Program</i>	PRINTED NAME: <i>Raymond S. Oak</i>	DATE: <i>11/2/21</i>
	SIGNATURE: <i>Raymond S. Oak</i>	CERT #: <i>T-2651</i> <i>fe</i>
	PHONE #: <i>(541) 396-4614</i>	

<sup>1</sup>Including continuous data, if applicable, for optimizing recording purposes. Compliance values in columns "12 AM" through "8 PM" may not correspond to continuous readings' maximum. <sup>2</sup>IFE=Individual Filter Effluent (OAR 333-061-0040(1)(e)(B&C))

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

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

**Month/Year: Oct-21**

**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 / 8:35	0.9	48	43	18.0	7.0	8	Yes	1100
2 / 9:45	0.9	48	43	18.0	7.1	11	Yes	1100
3 / 9:40	0.9	48	43	18.0	7.0	11	Yes	1100
4 / 8:15	0.9	48	43	18.0	7.0	11	Yes	1100
5 / 8:40	1.0	48	48	17.0	7.0	12	Yes	1120
6 / 8:40	1.0	48	48	17.0	7.0	12	Yes	1100
7 / 8:45	1.0	48	48	17.0	7.0	8	Yes	1100
8 / 8:40	1.0	48	48	17.0	7.0	12	Yes	1100
9 / 9:30	1.1	48	53	17.0	7.0	12	Yes	1100
10 / 9:05	1.0	48	48	17.0	7.0	12	Yes	1100
11 / 8:45	1.0	48	48	16.0	7.0	13	Yes	1100
12 / 8:40	1.1	48	53	16.0	7.0	13	Yes	1110
13 / 10:00	1.0	48	48	16.0	7.0	13	Yes	1120
14 / 9:00	1.2	48	58	16.0	7.0	13	Yes	1110
15 / 8:25	1.2	48	58	16.0	7.0	13	Yes	1110
16 / 9:45	1.2	48	58	16.0	7.0	13	Yes	1100
17 / 9:15	1.2	48	58	16.0	7.1	14	Yes	1125
18 / 12:55	1.4	48	67	15.0	7.0	14	Yes	1110
19 / 8:45	1.5	48	72	15.0	7.0	14	Yes	1120
20 / 8:30	1.5	48	72	15.0	7.0	14	Yes	1110
21 / 8:45	1.5	48	72	15.0	7.1	15	Yes	1120
22 / 8:25	1.1	48	53	15.0	7.0	14	Yes	1130
23 / 9:30	1.3	48	62	15.0	7.0	14	Yes	1120
24 / 9:15	1.3	48	62	15.0	7.0	14	Yes	1125
25 / 8:25	1.3	48	62	15.0	7.0	14	Yes	1000
26 / 8:30	1.4	48	67	14.0	7.0	15	Yes	940
27 / 8:45	1.5	48	72	14.0	7.0	15	Yes	930
28 / 9:00	1.6	48	77	14.0	7.0	16	Yes	930
29 / 8:35	1.4	48	67	14.0	7.1	16	Yes	915
30 / 9:20	1.0	48	48	14.0	7.0	15	Yes	920
31 / 9:30	0.9	48	43	15.0	7.1	14	Yes	925

<sup>3</sup>If Cl<sub>2</sub> at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.

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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	0.9	0.6	0.2	0.1	7.0	7.0	7.1	7.1	504.7	10.2		X	1.65		
2	0.9	0.6	0.1	0.1	7.1	7.1	7.1	7.2	514.9	7.1		X	1.72		
3	0.9	0.7	0.3	0.1	7.0	7.0	7.1	7.1	522.0	5.4		X	1.75		
4	0.9	0.7	0.2	0.1	7.0	7.1	7.1	7.1	527.4	6.7		X	1.73	50.0	
5	1.0	0.7	0.1	0.1	7.0	7.0	7.0	7.1	524.1	8.3		X	1.73		
6	1.0	0.7	0.3	0.1	7.0	7.0	7.1	7.1	542.4	6.9		X	1.74		
7	1.0	0.7	0.3	0.1	7.0	7.0	7.0	7.0	549.3	5.4		X	1.72		
8	1.0	0.7	0.2	0.1	7.0	7.0	7.1	7.1	554.7	7.6		X	1.67		
9	1.1	0.7	0.1	0.2	7.0	7.0	7.0	7.0	562.3	6.2		X	1.72		
10	1.0	0.7	0.3	0.2	7.0	7.0	7.0	7.0	568.5	7.1		X	1.74		
11	1.0	0.3	0.3	0.1	7.0	7.0	7.0	7.0	575.6	8.0		X	1.70	40.0	
12	1.1	0.5	0.2	0.1	7.0	7.0	7.0	7.1	583.6	4.2		X	1.73		
13	1.0	0.6	0.2	0.2	7.0	7.0	7.0	7.0	587.8	9.0		X	1.71		
14	1.2	0.9	0.3	0.1	7.0	7.0	7.0	7.0	596.8	9.4		X	1.60		
15	1.2	0.7	0.3	0.1	7.0	7.0	7.0	7.1	606.2	6.5		X	1.83		
16	1.2	0.9	0.3	0.1	7.0	7.0	7.1	7.1	612.7	5.5		X	2.01		
17	1.2	1.0	0.5	0.1	7.1	7.1	7.1	7.1	618.2	5.9		X	2.00		
18	1.4	0.9	0.3	0.9	7.0	7.0	7.0	7.0	624.1	8.4		X	1.95	40.0	
19	1.5	1.1	0.3	0.1	7.0	7.0	7.1	7.1	632.5	6.0		X	2.01		
20	1.5	1.0	0.6	0.2	7.0	7.0	7.1	7.1	638.5	7.9		X	1.92		
21	1.5	1.1	0.4	0.1	7.1	7.1	7.1	7.1	646.4	6.7		X	2.01		
22	1.1	1.0	0.4	0.1	7.0	7.1	7.1	7.1	653.1	10.5		X	1.88		
23	1.3	1.1	0.7	0.2	7.0	7.1	7.1	7.1	663.6	5.3		X	1.94		
24	1.3	1.1	0.5	0.1	7.0	7.1	7.1	7.2	668.9	5.2		X	1.95		
25	1.3	1.0	0.5	0.1	7.0	7.0	7.1	7.1	674.1	8.0		X	1.91	50.0	
26	1.4	1.1	0.7	0.4	7.0	7.0	7.1	7.1	682.1	8.3		X	2.16		
27	1.5	1.2	0.5	0.2	7.0	7.0	7.1	7.1	690.4	8.9		X	2.18		
28	1.6	1.2	0.7	0.3	7.0	7.0	7.1	7.1	699.3	10.0		X	1.86		
29	1.4	1.0	0.9	0.1	7.1	7.1	7.1	7.1	709.3	7.8		X	1.76		
30	1.0	1.2	0.9	0.2	7.0	7.0	7.1	7.1	717.1	7.3		X	1.81		
31	0.9	1.2	0.9	0.2	7.1	7.1	7.2	7.1	724.4	8.1		X	1.88		

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Sample Points \_\_\_\_\_  
 Final Water Tap \_\_\_\_\_  
 MGRES \_\_\_\_\_  
 Sewage Plant \_\_\_\_\_

Data Mgmt & Compliance  
 Drinking Water Program

227.8  
 16,087 Million Gallons  
 n/a Pounds  
 n/a Pounds  
 n/a Pounds  
 100 Pounds  
 2,936 Million Pounds  
 9.8

# 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 : Oct-21

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 Gall X 1,000	Finished Water Fluoride MG/L	SP #2	SP #3	SP #4	SP #5	ReMayks
				PPM	PPM	PPM	PPM	
1	Calculated	673	0.69	0.9	0.6	0.2	0.1	
2	" "	469	0.73	0.9	0.6	0.1	0.1	
3	" "	356	0.77	0.9	0.7	0.3	0.1	
4	" "	442	0.76	0.9	0.7	0.2	0.1	
5	" "	558	0.81	1.0	0.7	0.1	0.1	
6	" "	455	0.79	1.0	0.7	0.3	0.1	
7	" "	356	0.72	1.0	0.7	0.3	0.1	
8	" "	502	0.57	1.0	0.7	0.2	0.1	
9	" "	409	0.61	1.1	0.7	0.1	0.2	
10	" "	469	0.72	1.0	0.7	0.3	0.2	
11	" "	528	0.76	1.0	0.3	0.3	0.1	
12	" "	280	0.74	1.1	0.5	0.2	0.1	
13	" "	605	0.75	1.0	0.6	0.2	0.2	
14	" "	626	0.80	1.2	0.9	0.3	0.1	
15	" "	433	0.80	1.2	0.7	0.3	0.1	
16	" "	363	0.76	1.2	0.9	0.3	0.1	
17	" "	398	0.80	1.2	1.0	0.5	0.1	
18	" "	559	0.63	1.4	0.9	0.3	0.9	
19	" "	403	0.53	1.5	1.1	0.3	0.1	
20	" "	526	0.50	1.5	1.0	0.6	0.2	
21	" "	450	0.68	1.5	1.1	0.4	0.1	
22	" "	712	0.82	1.1	1.0	0.4	0.1	
23	" "	356	0.74	1.3	1.1	0.7	0.2	
24	" "	351	0.85	1.3	1.1	0.5	0.1	
25	" "	480	0.74	1.3	1.0	0.5	0.1	
26	" "	468	0.81	1.4	1.1	0.7	0.4	
27	" "	497	0.82	1.5	1.2	0.5	0.2	
28	" "	558	0.69	1.6	1.2	0.7	0.3	
29		428	0.59	1.4	1.0	0.9	0.1	
30		403	0.45	1.0	1.2	0.9	0.2	
31		450	0.65	0.9	1.2	0.9	0.2	

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City of Coquille Water Plant Report

44470

Date	RAW WATER		Post	Salt	PH		TURBIDITY	ISOPAC 806	FLOURIDE		SODA ASH	Temperature °C	Settled Water Turbidity	Soda Ash Tank Inches	Highest Turbidity of the Day				
	River MGD	Rink Creek MGD			Scale Reading	Feed Rate mL / Min			RAW	Final						Raw Water	mL / Min	Machine Setting	Speed / Stroke
1	0.673		50/55		1	6.8	7.0	3.7		40	SCM	41/41	0	53	51/45	17.0	0.80	16 1/4	0.02
2	0.469		50/55		1	6.8	7.1	4.1			SCM	41/41	0		51/45	17.0	0.40	22	0.03
3	0.356		50/55		1	6.8	7.0	4.2			SCM	41/41	0		51/45	17.0	0.40	21 1/4	0.03
4	0.442		50/55		1	6.7	7.0	5.4			SCM	41/41	0		51/45	17.0	0.40	20 1/2	0.03
5	0.558		50/55		0	6.7	7.0	5.2			SCM	41/41	0		51/45	17.0	0.40	20	0.02
6	0.455		50/55		1	6.7	7.0	4.3			SCM	41/41	0		51/45	17.0	0.60	19	0.02
7	0.356		50/55		1	6.6	7.0	4.4			SCM	41/41	0		51/45	17.0	0.60	18 1/4	0.02
8	0.502		50/55		1	6.8	7.0	5.1			SCM	41/41	1		51/45	16.0	0.60	17 3/4	0.02
9	0.409		50/55		1	6.9	7.0	4.8			SCM	41/41	0		51/45	16.0	0.60	16 3/4	0.02
10	0.469		50/55		0	6.8	7.0	4.5			SCM	41/41	0		51/45	17.0	0.70	16	0.02
11	0.528		50/55		1	6.6	7.0	4.3			SCM	41/41	0		51/45	16.0	0.70	15 1/4	0.02
12	0.280		50/55		1	6.7	7.0	4.3			SCM	41/41	0		51/45	15.0	0.60	21 1/2	0.03
13	0.605		50/55		1	6.6	7.0	4.3			SCM	41/41	0		51/45	15.0	0.70	20 3/4	0.03
14	0.626		50/55		1	6.6	7.0	4.9			SCM	41/41	0		51/45	16.0	0.20	19 3/4	0.03
15	0.433		50/55		1	6.7	7.0	3.6			SCM	41/41	0		51/45	15.0	0.50	18 1/2	0.03
16	0.363		50/55		1	6.8	7.0	3.9			SCM	41/41	0		51/45	15.0	0.40	18	0.02
17	0.398		50/55		1	6.7	7.1	4.9			SCM	41/41	0		51/45	15.0	0.50	17	0.02
18	0.559		50/55		0	6.6	7.0	5.6			SCM	41/41	0		51/45	15.0	0.60	15 3/4	0.02
19	0.403		50/55		1	6.6	7.0	6.7			SCM	41/41	1		51/45	14.0	0.50	15 1/4	0.02
20	0.526		50/55		1	6.8	7.0	2.7			SCM	41/41	0		51/45	14.0	0.50	14 1/2	0.02
21	0.450		50/55		1	6.6	7.1	3.2			SCM	41/41	0		51/45	14.0	0.70	13 1/2	0.02
22	0.712		50/55		1	6.9	7.0	3.6			SCM	41/41	0		51/45	15.0	0.60	19 1/2	0.02
23	0.356		50/55		1	6.9	7.0	10.3			SCM	41/41	0		51/45	14.0	0.70	18	0.03
24	0.351		50/55		0	6.8	7.0	8.2			SCM	41/41	0		51/45	14.0	0.70	17 1/2	0.03
25	0.480		50/55		1	6.7	7.0	7.6			SCM	41/41	0		51/45	13.0	0.80	16 3/4	0.04
26	0.468		50/55		1	6.6	7.0	8.5			SCM	41/41	0		51/45	13.0	0.60	15 3/4	0.02
27	0.497		50/55		0	6.5	7.0	6.7			SCM	41/41	0		51/45	13.0	0.40	14 3/4	0.02
28	0.558		50/55		1	6.7	7.0	7.0			SCM	41/41	0		51/45	13.0	0.70	13 1/2	0.02
29	0.428		50/55		1	6.7	7.1	7.2			SCM	41/41	1		51/45	14.0	0.80	20	0.02
30	0.403		50/55		0	6.9	7.0	7.7			SCM	41/41	0		51/45	14.0	0.70	19 1/4	0.02
31	0.450		50/55		1	6.9	7.1	10.6			SCM	41/41	0		51/45	15.0	0.80	18 1/2	0.02

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Data Mgmt & Compliance  
Drinking Water Program