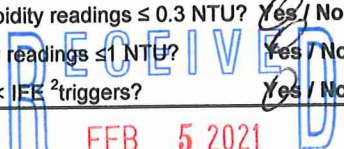


# OHA - Drinking Water Program - Turbidity Monitoring Report Form County:COOS Conventional or Direct Filtration

System Name: COQUILLE, CITY OF ID:OR4100213 WTP:-WTP-A      Month/Year: Jan-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	NR	NR	0.02
2	NR	NR	0.02	0.02	NR	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	NR	NR	0.02
6	NR	NR	0.02	0.02	NR	NR	0.02
7	NR	NR	0.02	0.02	0.02	NR	0.02
8	NR	NR	0.02	NR	NR	NR	0.02
9	NR	NR	0.02	0.02	0.02	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	0.02	0.02	0.02	NR	0.02
13	NR	NR	0.06	NR	NR	NR	0.06
14	NR	NR	0.06	0.02	0.02	NR	0.06
15	NR	NR	0.02	0.02	NR	NR	0.02
16	NR	NR	0.02	0.02	0.02	NR	0.02
17	NR	NR	0.05	0.02	NR	NR	0.05
18	NR	NR	NR	0.04	0.04	NR	0.04
19	NR	NR	0.04	0.04	NR	NR	0.04
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	NR	NR	0.02
23	NR	NR	0.03	0.02	NR	NR	0.03
24	NR	NR	0.03	0.02	0.02	NR	0.03
25	NR	NR	0.03	0.03	0.02	NR	0.03
26	NR	NR	0.03	0.02	NR	NR	0.03
27	NR	NR	0.02	NR	NR	NR	0.02
28	NR	NR	NR	0.02	0.02	0.02	0.02
29	NR	NR	0.03	0.02	0.02	NR	0.03
30	NR	NR	NR	0.02	NR	NR	0.02
31	NR	NR	NR	0.02	0.02	NR	0.02
0.03							

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of the 4 hour turbidity readings ≤ 0.3 NTU? <i>Yes / No</i> All the 4 hour turbidity readings ≤ 1 NTU? <i>Yes / No</i> All turbidity readings < IFE <sup>2</sup> triggers? <i>Yes / No</i> Notes:	CT's met everyday? (see back) <i>Yes / No</i>	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? <i>Yes / No</i>
 Data Mgmt & Compliance Drinking Water Program	PRINTED NAME: <i>Raymond S. Doan</i>	SIGNATURE: <i>[Signature]</i> DATE: 2/1/2021
	PHONE #: (541) 396-4614	CERT #: T-2651

<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))  
 PAGE 1 of 2

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

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

Month/Year: Jan-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 / 8:25	0.8	48	38	10.0	7.1	20	Yes	920
2 / 9:30	0.8	48	38	10.0	7.2	20	Yes	940
3 / 9:20	0.7	48	34	10.0	7.1	19	Yes	925
4 / 8:35	0.6	48	29	10.0	7.3	20	Yes	920
5 / 9:25	0.5	48	24	10.0	7.0	18	Yes	910
6 / 8:55	0.9	48	43	10.0	7.0	19	Yes	925
7 / 9:10	0.9	48	29	10.0	7.0	8	Yes	910
8 / 8:30	1.0	48	48	10.0	7.0	19	Yes	950
9 / 9:35	0.8	48	38	10.0	7.2	20	Yes	915
10 / 9:30	0.9	48	43	11.0	7.1	19	Yes	920
11 / 8:30	1.0	48	48	10.0	7.3	21	Yes	920
12 / 11:30	1.0	48	48	11.0	7.0	18	Yes	930
13 / 9:05	1.4	48	67	10.0	7.0	20	Yes	930
14 / 9:15	0.9	48	43	10.0	7.0	19	Yes	950
15 / 8:30	0.9	48	43	10.5	7.0	18	Yes	1000
16 / 9:30	1.0	48	48	11.0	7.1	19	Yes	950
17 / 9:35	1.0	48	48	11.0	7.1	19	Yes	920
18 / 8:30	1.3	48	62	10.5	7.2	21	Yes	950
19 / 8:30	1.3	48	62	10.0	7.0	20	Yes	940
20 / 8:45	1.1	48	53	10.0	7.1	20	Yes	925
21 / 9:00	1.4	48	67	10.0	7.1	21	Yes	920
22 / 8:15	0.9	48	43	10.0	7.1	20	Yes	920
23 / 9:25	0.9	48	43	10.0	7.1	20	Yes	910
24 / 9:45	1.0	48	48	10.0	7.0	19	Yes	920
25 / 8:45	1.0	48	48	9.0	7.4	24	Yes	930
26 / 8:30	0.9	48	43	9.0	7.1	21	Yes	930
27 / 8:25	0.9	48	43	9.0	7.1	21	Yes	940
28 / 8:30	0.9	48	43	9.0	7.0	20	Yes	910
29 / 8:40	1.2	48	58	9.0	7.1	22	Yes	910
30 / 9:20	1.0	48	48	10.0	7.1	20	Yes	920
31 / 9:10	0.8	48	38	10.0	7.1	20	Yes	950

<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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Month / Year : Jan-21

### City of Coquille Daily Chlorine and pH Report

Day	Chlorine					pH					Hours of Operation			CL17 Analyzer Reading	RAW Alkalinity
	2	3	4	5	2	3	4	5	Reading	Plant Hrs	R.C.	River			
1	0.8	0.8	0.5	0.2	7.1	7.2	7.1	7.2	16.4	8.5	X		1.09		
2	0.8	0.7	0.5	0.1	7.2	7.0	7.0	7.1	24.9	6.9	X		0.77		
3	0.7	0.7	0.4	0.2	7.1	7.0	7.1	7.1	31.8	8.4	X		0.88		
4	0.6	0.6	0.5	0.1	7.3	7.3	7.3	7.3	40.2	8.9	X		0.65	20.0	
5	0.5	0.4	0.4	0.1	7.0	7.1	7.1	7.1	49.1	6.9	X		1.42		
6	0.9	0.6	0.4	0.1	7.0	7.0	7.0	7.1	56.0	8.0	X		1.35		
7	0.9	0.7	0.4	0.1	7.0	7.0	7.0	7.1	64.0	10.0	X		1.77		
8	1.0	0.8	0.3	0.2	7.0	7.0	6.9	7.1	74.0	4.4	X		1.28		
9	0.8	0.8	0.4	0.2	7.2	7.0	7.1	7.2	78.4	9.7	X		1.09		
10	0.9	0.8	0.5	0.2	7.1	7.0	7.0	7.1	88.1	7.7	X		1.48		
11	1.0	0.7	0.4	0.1	7.3	7.2	7.3	7.3	96.8	7.8	X		1.24	20.0	
12	1.0	0.5	0.4	0.2	7.0	7.0	7.0	7.1	103.6	9.9	X		1.35		
13	1.4	0.9	0.6	0.8	7.0	7.0	7.0	7.0	113.5	2.0	X		1.01		
14	0.9	0.7	0.6	0.1	7.0	7.1	7.1	7.2	115.5	7.8	X		1.41		
15	0.9	0.8	0.6	0.2	7.0	7.0	7.0	7.1	123.3	7.4	X		1.16		
16	1.0	0.8	0.6	0.2	7.1	7.0	7.0	7.3	130.7	8.9	X		1.51		
17	1.0	0.9	0.2	0.3	7.1	7.0	7.1	7.1	139.6	4.4	X		1.27		
18	1.3	0.8	0.7	0.4	7.2	7.2	7.2	7.3	144.0	11.6	X		1.07	20.0	
19	1.3	0.9	0.6	0.4	7.0	7.0	7.0	7.1	155.6	6.4	X		1.63		
20	1.1	0.9	0.5	0.3	7.1	7.0	7.0	7.1	162.0	9.4	X		1.31		
21	1.4	0.9	0.5	0.2	7.1	7.0	7.0	7.1	171.4	7.6	X		1.45		
22	0.9	1.1	0.9	0.2	7.1	7.0	7.0	7.1	179.0	7.0	X		1.08		
23	0.9	0.8	0.8	0.3	7.1	7.0	7.0	7.1	186.0	7.9	X		1.68		
24	1.0	1.0	0.8	0.3	7.0	7.0	7.0	7.0	193.9	7.8	X		1.14		
25	1.0	0.6	0.9	0.5	7.4	7.2	7.2	7.3	201.7	9.8	X		1.22	20.0	
26	0.9	0.7	0.7	0.2	7.1	7.0	7.0	7.1	211.5	7.5	X		1.18		
27	0.9	0.7	0.5	0.2	7.1	7.0	7.0	7.1	219.0	2.0	X		1.42		
28	0.9	0.6	0.7	0.2	7.0	7.0	7.0	7.0	221.0	13.7	X		1.45		
29	1.2	0.9	0.6	0.7	7.1	7.0	7.0	7.1	234.7	10.2	X		1.55		
30	1.0	0.9	0.7	0.4	7.1	7.0	7.0	7.1	244.9	5.6	X		1.11		
31	0.8	0.9	0.7	0.4	7.1	7.0	7.0	7.0	250.5	9.9	X		1.20		

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Sample Points  
Final Water Tap  
MGRES  
Sewage Plant

244  
16,087 Million Gallons

n/a Pounds  
n/a Pounds

Data Mgmt & Compliance  
Drinking Water Program

100 Pounds  
2,936 Million Pounds

# 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 : Jan-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	469	0.73	0.8	0.8	0.5	0.2	
2	" "	389	0.77	0.8	0.7	0.5	0.1	
3	" "	466	0.68	0.7	0.7	0.4	0.2	
4	" "	491	0.67	0.6	0.6	0.5	0.1	
5	" "	377	0.61	0.5	0.4	0.4	0.1	
6	" "	444	0.55	0.9	0.6	0.4	0.1	
7	" "	546	0.61	0.9	0.7	0.4	0.1	
8	" "	251	0.69	1.0	0.8	0.3	0.2	
9	" "	533	0.75	0.8	0.8	0.4	0.2	
10	" "	425	0.86	0.9	0.8	0.5	0.2	
11	" "	431	0.81	1.0	0.7	0.4	0.1	
12	" "	552	0.67	1.0	0.5	0.4	0.2	
13	" "	112	0.81	1.4	0.9	0.6	0.8	
14	" "	445	0.84	0.9	0.7	0.6	0.1	
15	" "	444	0.72	0.9	0.8	0.6	0.2	
16	" "	507	0.65	1.0	0.8	0.6	0.2	
17	" "	243	0.75	1.0	0.9	0.2	0.3	
18	" "	661	0.52	1.3	0.8	0.7	0.4	
19	" "	361	0.85	1.3	0.9	0.6	0.4	
20	" "	522	0.48	1.1	0.9	0.5	0.3	
21	" "	420	0.57	1.4	0.9	0.5	0.2	
22	" "	386	0.55	0.9	1.1	0.9	0.2	
23	" "	431	0.68	0.9	0.8	0.8	0.3	
24	" "	431	0.76	1.0	1.0	0.8	0.3	
25	" "	547	0.74	1.0	0.6	0.9	0.5	
26	" "	419	0.73	0.9	0.7	0.7	0.2	
27	" "	113	0.73	0.9	0.7	0.5	0.2	
28	" "	748	0.77	0.9	0.6	0.7	0.2	
29	" "	557	0.77	1.2	0.9	0.6	0.7	
30	" "	309	0.72	1.0	0.9	0.7	0.4	
31	" "	564	0.68	0.8	0.9	0.7	0.4	

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City of Coquille Water Plant Report

44197

RAW WATER				PH	TURBIDITY	ISOPAC 806	FLOURIDE	SODA ASH							
Date	River MGD	Rink Creek MGD	Post	RAW	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												
1		0.469	50/55	6.9	4.3	40	SCM	41/41	0	53	51/45	10.0	0.60	21	0.02
2		0.389	50/55	6.8	3.9		SCM	41/41	0		51/45	10.0	0.80	19 1/2	0.02
3		0.466	50/55	6.7	4.1		SCM	41/41	0		51/45	10.0	0.80	18	0.02
4		0.491	50/55	7.1	4.0		SCM	41/41	0		51/45	10.0	0.90	16 1/4	0.02
5		0.377	50/55	6.8	4.4		SCM	41/41	1		51/45	9.0	0.80	14 1/4	0.02
6		0.444	50/55	6.8	5.8		SCM	41/41	0		51/45	9.0	0.40	13	0.02
7		0.546	50/55	6.8	2.7		SCM	41/41	0		51/45	9.0	0.60	18	0.02
8		0.251	50/55	6.9	2.8		SCM	41/41	0		51/45	10.0	0.60	16	0.02
9		0.533	50/55	6.9	2.8		SCM	41/41	0		51/45	10.0	0.60	15	0.02
10		0.425	50/55	6.9	3.3		SCM	41/41	0		51/45	10.0	0.70	13	0.02
11		0.431	50/55	7.0	2.3		SCM	41/41	0		51/45	10.0	0.80	11 3/4	0.02
12		0.552	50/55	6.8	2.0		SCM	41/41	0		51/45	9.5	0.90	17	0.02
13		0.112	50/55	6.8	2.5		SCM	41/41	0		51/45	9.5	0.90	14 1/2	0.06
14		0.445	50/55	6.8	1.7		SCM	41/41	0		51/45	10.0	0.90	14	0.06
15		0.444	50/55	6.8	1.0		SCM	41/41	0		51/45	10.0	1.00	19 1/4	0.02
16		0.507	50/55	6.8	3.4		SCM	41/41	0		51/45	10.0	0.80	17 1/2	0.02
17		0.243	50/55	6.8	2.8		SCM	41/41	0		51/45	10.0	0.70	16	0.05
18		0.661	50/55	7.0	2.1		SCM	41/41	0		51/45	10.0	0.20	15	0.04
19		0.361	50/55	6.9	2.5		SCM	41/41	0		51/45	10.0	0.70	12 1/2	0.04
20		0.522	50/55	6.9	2.9		SCM	41/41	1		51/45	9.0	0.90	17 3/4	0.02
21		0.420	50/55	6.9	3.5		SCM	41/41	0		51/45	9.0	0.80	15 3/4	0.02
22		0.386	50/55	6.8	4.2		SCM	41/41	0		51/45	10.0	0.50	20 1/2	0.02
23		0.431	50/55	6.9	4.3		SCM	41/41	0		51/45	10.0	0.70	19 1/4	0.03
24		0.431	50/55	6.8	7.0		SCM	41/41	0		51/45	10.0	0.70	17 1/2	0.03
25		0.547	50/55	7.1	7.4		SCM	41/41	0		51/45	9.0	0.80	16	0.03
26		0.419	50/55	6.8	2.1		SCM	41/41	0		51/45	9.0	0.70	14	0.03
27		0.113	50/55	6.8	1.9		SCM	41/41	0		51/45	9.0	0.70	12 1/2	0.02
28		0.748	50/55	6.8	7.0		SCM	41/41	0		51/45	9.0	0.50	12	0.02
29		0.557	50/55	6.9	7.1		SCM	41/41	0		51/45	8.5	0.60	16 1/4	0.03
30		0.309	50/55	6.9	7.1		SCM	41/41	0		51/45	10.0	0.40	14	0.02
31		0.564	50/50	6.8	7.1		SCM	41/41	0		51/45	9.0	0.70	13	0.02

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Data Mgmt. & Optimization  
Drying Water Program