

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

RECEIVED

Drinking Water Section
Certification

12/00/2022

System Name: COQUILLE, CITY OF ID:OR4100213 WTP:-WTP-A Month/Year: Dec-22

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	0.03	0.03	NR	NR	0.03
2	NR	NR	0.02	0.03	0.02	NR	0.03
3	NR	NR	0.03	0.04	0.03	NR	0.06
4	NR	NR	0.03	0.06	NR	NR	0.06
5	NR	NR	0.03	0.05	0.05	NR	0.05
6	NR	NR	0.03	0.03	0.02	NR	0.03
7	NR	NR	0.02	0.03	NR	NR	0.03
8	NR	NR	0.03	0.07	0.02	NR	0.07
9	NR	NR	NR	0.03	0.02	NR	0.03
10	NR	NR	0.03	0.02	NR	NR	0.03
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	0.03	0.02	NR	NR	0.03
14	NR	NR	0.02	0.02	0.02	NR	0.02
15	NR	NR	0.03	0.02	0.02	NR	0.03
16	NR	NR	0.03	0.02	NR	NR	0.03
17	NR	NR	0.03	0.02	0.02	NR	0.03
18	NR	NR	0.03	0.02	NR	NR	0.03
19	NR	NR	0.03	0.02	NR	NR	0.03
20	NR	NR	0.03	0.02	0.03	NR	0.03
21	NR	NR	0.02	0.02	0.03	NR	0.03
22	NR	NR	0.03	0.02	NR	NR	0.03
23	NR	NR	0.03	0.03	NR	NR	0.03
24	NR	NR	0.02	0.03	0.03	NR	0.03
25	NR	NR	0.02	0.03	NR	NR	0.03
26	NR	NR	0.02	0.03	NR	NR	0.03
27	NR	NR	NR	NR	NR	NR	NR
28	NR	NR	0.05	0.05	0.02	0.03	0.05
29	NR	NR	0.08	0.03	0.03	NR	0.08
30	NR	NR	0.02	0.03	0.03	NR	0.03
31	NR	NR	0.03	0.02	NR	NR	0.03
0.03							

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> Yes/ 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	PRINTED NAME: <i>Ryanus J. Dean</i>	DATE: <i>1/4/23</i>
	SIGNATURE: <i>[Signature]</i>	CERT #: <i>T-2651 FE</i>
	PHONE #: (541) 396-4614	

¹Including continuous data, if applicable, for optimizing recording purposes. Compliance values in columns "12 AM" through "8 PM" may not correspond to continuous readings' maximum. ²IFE=Individual Filter Effluent (OAR 333-061-0040(1)(e)(B&C))
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OHA - Drinking Water Program - Surface Water Quality Data Form

COQUILLE, CITY OF ID #: OR4100213 WTP-: WTP-A Month/Year: Dec-22 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 / 8:35	0.9	48	43	8.0	7.1	8	Yes	850
2 / 8:30	1.2	48	58	9.0	7.1	22	Yes	830
3 / 9:45	0.9	48	43	10.0	7.0	19	Yes	815
4 / 9:30	0.8	48	38	10.0	7.0	19	Yes	775
5 / 8:30	1.2	48	58	9.0	7.0	21	Yes	800
6 / 8:25	1.0	48	48	9.0	7.0	21	Yes	800
7 / 8:30	1.0	48	48	9.0	7.0	8	Yes	780
8 / 8:30	1.1	48	53	9.0	7.0	21	Yes	775
9 / 8:30	1.1	48	53	9.0	7.1	22	Yes	805
10 / 9:45	1.1	48	53	10.0	7.0	20	Yes	775
11 / 9:50	0.9	48	43	10.0	7.0	19	Yes	800
12 / 11:35	1.1	48	53	10.0	7.0	20	Yes	800
13 / 8:15	1.1	48	53	10.0	7.0	20	Yes	800
14 / 8:25	1.1	48	53	9.0	7.0	21	Yes	810
15 / 8:45	1.1	48	53	9.0	7.1	22	Yes	800
16 / 8:25	1.1	48	53	9.0	7.0	21	Yes	800
17 / 9:30	1.1	48	53	10.0	7.0	20	Yes	800
18 / 9:45	1.1	48	53	9.0	7.0	21	Yes	810
19 / 8:15	1.0	48	48	9.0	7.0	21	Yes	830
20 / 8:15	0.9	48	43	10.0	7.0	19	Yes	800
21 / 8:20	1.1	48	53	10.0	7.0	20	Yes	820
22 / 8:45	1.2	48	58	9.0	7.0	21	Yes	830
23 / 8:20	1.1	48	53	10.0	7.0	20	Yes	830
24 / 9:30	1.0	48	48	10.0	7.0	19	Yes	820
25 / 9:45	1.1	48	48	11.0	7.0	18	Yes	820
26 / 9:20	0.9	48	43	11.0	7.1	19	Yes	820
27 / 9:10	1.0	48	48	9.0	7.0	21	Yes	0
28 / 9:05	1.0	48	48	10.0	7.0	19	Yes	900
29 / 9:45	1.1	48	53	10.0	7.0	20	Yes	870
30 / 8:45	1.5	48	72	11.0	7.0	19	Yes	855
31 / 9:50	0.8	48	38	11.0	7.0	18	Yes	850

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-22

Source of Water: Coquille River, 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	444	0.65	0.9	1.0	0.8	0.2	
2	" "	513	0.69	1.2	1.0	0.8	0.2	
3		367	0.77	0.9	1.0	0.9	0.1	
4		288	0.83	0.8	0.9	0.9	0.2	
5		538	0.75	1.2	0.9	1.1	0.3	
6		533	0.95	1.0	1.0	0.9	0.1	
7	" "	309	0.88	1.0	1.0	0.8	0.1	
8		581	0.85	1.1	1.0	0.7	0.2	
9		638	0.81	1.1	1.0	0.9	0.1	
10	" "	302	0.78	1.1	0.9	1.0	0.2	
11	" "	298	0.65	0.9	0.9	0.9	0.2	
12	" "	590	0.46	1.1	1.0	0.9	0.1	
13	" "	413	0.51	1.1	0.9	0.9	0.2	
14	" "	471	0.64	1.1	1.1	0.7	0.2	
15	" "	600	0.71	1.1	1.1	0.9	0.1	
16	" "	326	0.79	1.1	1.0	0.8	0.2	
17	" "	499	0.81	1.1	1.0	0.9	0.3	
18	" "	253	0.75	1.1	1.0	0.8	0.2	
19	" "	448	0.69	1.0	1.0	0.8	0.2	
20	" "	547	0.72	0.9	0.9	0.8	0.2	
21	" "	512	0.65	1.1	1.0	0.9	0.2	
22	" "	398	0.61	1.2	1.0	0.6	0.4	
23	" "	388	0.91	1.1	1.1	0.5	0.3	
24	" "	453	0.78	1.0	1.0	0.6	0.2	
25	" "	266	0.78	1.1	1.0	0.8	0.4	
26	" "	212	0.68	0.9	1.0	0.9	0.3	
27	" "	0	0.81	1.0	1.0	1.2	0.4	
28	" "	1048	0.73	1.0	0.8	0.9	0.3	
29		621	0.69	1.1	1.3	0.9	0.4	
30		534	0.64	1.5	1.4	1.1	0.2	
31		337	0.79	0.8	1.1	0.9	0.5	

Month / Year : Dec-22 City of Coquille Daily Chlorine and pH Report

Day	Chlorine					pH					Hours of Operation			River	CL17 Analyzer Reading	Alkalinity
	2	3	4	5		2	3	4	5		Reading	Plant Hrs	R.C.			
1	0.9	1.0	0.8	0.2		7.1	7.1	7.1	7.2		347.1	8.7		x	1.31	
2	1.2	1.0	0.8	0.2		7.1	7.0	7.1	7.3		355.8	10.3		x	1.32	
3	0.9	1.0	0.9	0.1		7.0	7.0	7.1	7.2		366.1	7.5		x	1.28	
4	0.8	0.9	0.9	0.2		7.0	7.0	7.1	7.2		373.6	6.2		x	1.30	
5	1.2	0.9	1.1	0.3		7.0	7.0	7.1	7.2		379.8	11.2		x	1.43	40.0
6	1.0	1.0	0.9	0.1		7.0	7.0	7.1	7.2		391.0	11.1		x	1.55	
7	1.0	1.0	0.8	0.1		7.0	7.0	7.1	7.2		402.1	6.6		x	1.55	
8	1.1	1.0	0.7	0.2		7.0	7.0	7.1	7.2		408.7	12.5	x	x	1.50	
9	1.1	1.0	0.9	0.1		7.1	7.1	7.1	7.3		421.2	13.2	x		1.90	
10	1.1	0.9	1.0	0.2		7.0	7.0	7.0	7.1		434.4	6.5	x		1.20	
11	0.9	0.9	0.9	0.2		7.0	7.0	7.1	7.1		440.9	6.2	x		1.27	
12	1.1	1.0	0.9	0.1		7.0	7.0	7.0	7.1		447.1	12.3	x		1.42	15.0
13	1.1	0.9	0.9	0.2		7.0	7.0	7.0	7.1		459.4	8.6	x		1.41	
14	1.1	1.1	0.7	0.2		7.0	7.0	7.0	7.1		468.0	9.7	x		1.28	
15	1.1	1.1	0.9	0.1		7.1	7.0	7.0	7.1		477.7	12.5	x		1.34	
16	1.1	1.0	0.8	0.2		7.0	7.0	7.0	7.1		490.2	6.8	x		1.44	
17	1.1	1.0	0.9	0.3		7.0	7.0	7.0	7.1		497.0	10.4	x		1.32	
18	1.1	1.0	0.8	0.2		7.0	7.0	7.0	7.0		507.4	5.2	x		1.34	
19	1.0	1.0	0.8	0.2		7.0	7.0	7.0	7.0		512.6	4.0	x		1.26	15.0
20	0.9	0.9	0.8	0.2		7.0	7.0	7.0	7.1		521.6	11.4	x		1.39	
21	1.1	1.0	0.9	0.2		7.0	7.0	7.0	7.1		533.0	10.4	x		1.28	
22	1.2	1.0	0.6	0.4		7.0	7.0	7.0	7.1		543.4	8.0	x		1.32	
23	1.1	1.1	0.5	0.3		7.0	7.0	7.0	7.1		551.4	7.8	x		1.40	
24	1.0	1.0	0.6	0.2		7.0	7.0	7.0	7.0		559.2	9.2	x		1.38	
25	1.1	1.0	0.8	0.4		7.0	7.0	7.0	7.0		568.4	5.4	x		1.35	
26	0.9	1.0	0.9	0.3		7.1	7.0	7.0	7.0		573.8	4.3	x		1.34	20.0
27	1.0	1.0	1.2	0.4		7.0	7.1	7.0	7.0		578.1	1.1	x		1.23	
28	1.0	0.8	0.9	0.3		7.0	7.0	7.0	7.0		579.2	19.4	x		1.19	
29	1.1	1.3	0.9	0.4		7.0	7.0	7.0	7.0		598.6	11.9	x		1.49	
30	1.5	1.4	1.1	0.2		7.0	7.0	7.0	7.0		610.5	10.4	x		1.35	
31	0.8	1.1	0.9	0.5		7.0	7.0	7.0	7.0		620.9	6.6	x		1.42	

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 Certification
 Drinking Water Services

Sample Points	275.4
Final Water Tap	16,087 Million Gallons
MGRES	n/a Pounds
Sewage Plant	n/a Pounds
	n/a Pounds
	100 Pounds
	2,936 Million Pounds
	9.8

City of Coquille Water Plant Report

44896

Date	RAW WATER		Rink Creek MGD	PH		Raw Water	TURBIDITY	ISOPAC 806		FLOURIDE		SODA ASH		Settled Water Turbidity	Temperature °C	Soda Ash Tank Inches	Highest Turbidity of the Day
	River MGD	Scale Reading		RAW	Final			Machine Setting	ml / Min	Speed / Stroke	Bags Used	ml / Min	Machine Setting				
1	0.444	50/55	1	6.8	7.1	18.3	SCM	41/41	1	53	51/45	0.10	8.0	17 1/2	0.03		
2	0.513	50/55	0	6.9	7.1	14.6	SCM	41/41	0		51/45	0.10	8.0	16 3/4	0.03		
3	0.367	50/55	1	7.0	7.0	11.0	SCM	41/41	0		51/45	0.10	8.0	15 1/2	0.06		
4	0.288	50/55	0	6.9	7.0	10.3	SCM	41/41	0		51/45	0.20	9.0	14 1/2	0.06		
5	0.538	50/55	1	6.8	7.0	10.3	SCM	41/41	0		51/45	0.10	8.0	13 3/4	0.05		
6	0.533	50/55	0	7.0	7.0	10.1	SCM	41/41	0		51/45	0.30	8.0	13	0.03		
7	0.309	50/55	1	6.9	7.0	10.2	SCM	41/41	0		51/45	0.30	8.0	11 3/4	0.03		
8	0.290	50/55	0	6.8	7.0	10.2	SCM	41/41	0		51/45	0.60	8.0	17 3/4	0.07		
9		50/55	1	7.0	7.1	1.2	SCM	41/41	0		51/45	0.10	10.0	16 1/4	0.03		
10		50/55	1	6.9	7.0	1.2	SCM	41/41	0		51/45	0.10	10.0	14 1/2	0.03		
11		50/55	0	6.9	7.0	1.5	SCM	41/41	0		51/45	0.10	10.0	13 1/2	0.02		
12		50/55	0	6.8	7.0	1.6	SCM	41/41	1		51/45	0.40	8.0	13	0.02		
13		50/55	1	6.8	7.0	1.6	SCM	41/41	0		51/45	0.80	9.0	12	0.03		
14		50/55	0	6.8	7.0	2.5	SCM	41/41	0		51/45	0.30	9.0	17 3/4	0.02		
15		50/55	1	6.8	7.1	2.4	SCM	41/41	0		51/45	0.40	9.0	16 3/4	0.03		
16		50/55	1	6.8	7.0	1.6	SCM	41/41	0		51/45	0.30	8.0	15 1/4	0.03		
17		50/55	0	6.9	7.0	1.6	SCM	41/41	0		51/45	0.30	9.0	21 1/2	0.03		
18		50/55	1	6.9	7.0	1.6	SCM	41/41	0		51/45	0.50	8.0	21	0.03		
19		50/55	0	6.8	7.0	1.0	SCM	41/41	0		51/45	0.50	8.0	20 1/2	0.03		
20		50/55	1	6.7	7.0	1.3	SCM	41/41	0		51/45	0.70	8.0	19 3/4	0.03		
21		50/55	0	6.7	7.0	1.0	SCM	41/41	1		51/45	0.20	8.0	18	0.03		
22		50/55	1	6.8	7.0	1.3	SCM	41/41	0		51/45	0.10	8.0	16 1/2	0.03		
23		50/55	1	6.7	7.0	1.0	SCM	41/41	0		51/45	0.10	8.0	15 1/4	0.03		
24		50/55	0	6.8	7.0	1.6	SCM	41/41	0		51/45	0.40	9.0	21 1/2	0.03		
25		50/55	1	6.8	7.0	1.6	SCM	41/41	0		51/45	0.50	9.0	20 1/2	0.03		
26		50/55	0	6.8	7.1	1.2	SCM	41/41	0		51/45	0.50	9.0	19 1/2	0.03		
27		50/55	0		7.0	1.7	SCM	41/41	0		51/45			19			
28		50/55	1	6.8	7.0	1.5	SCM	41/41	0		51/45	0.90	9.0	18 3/4	0.05		
29		50/55	1	6.8	7.0	1.1	SCM	41/41	1		51/45	0.20	9.0	15 1/2	0.08		
30		50/55	1	6.8	7.0	1.3	SCM	41/41	0		51/45	0.10	9.0	13 3/4	0.03		
31		50/55	0	6.9	7.0	2.6	SCM	41/41	0		51/45	0.20	9.0	19	0.03		

1202 6 MW