

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

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FEB 06 2023

Certification
 Drinking Water Services

System Name: COQUILLE, CITY OF ID:OR4100213 WTP-:WTP-A Month/Year: Jan-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	0.03	0.02	0.02	NR	0.03
2	NR	NR	0.04	0.03	NR	NR	0.04
3	NR	NR	0.03	0.03	0.02	NR	0.03
4	NR	NR	0.03	0.03	0.03	NR	0.03
5	NR	NR	0.02	0.03	0.03	NR	0.03
6	NR	NR	NR	0.03	0.03	NR	0.03
7	NR	NR	0.02	0.03	NR	NR	0.03
8	NR	NR	0.02	0.02	NR	NR	0.02
9	NR	NR	NR	0.03	NR	NR	0.03
10	NR	NR	0.03	0.02	0.02	NR	0.03
11	NR	NR	0.02	0.02	NR	NR	0.02
12	NR	NR	0.02	0.02	NR	NR	0.02
13	NR	NR	0.02	0.02	0.03	NR	0.03
14	NR	NR	0.03	0.02	NR	NR	0.03
15	NR	NR	0.03	0.02	0.02	NR	0.03
16	NR	NR	NR	0.03	0.02	NR	0.03
17	NR	NR	0.03	0.02	0.03	NR	0.03
18	NR	NR	0.02	0.02	0.03	NR	0.03
19	NR	NR	NR	0.03	0.02	0.02	0.03
20	NR	NR	0.02	0.02	NR	NR	0.03
21	NR	NR	0.03	0.02	0.02	NR	0.03
22	NR	NR	0.03	0.02	NR	NR	0.03
23	NR	NR	0.03	0.04	0.02	NR	0.04
24	NR	NR	NR	0.04	0.04	0.03	0.04
25	NR	NR	0.03	0.02	0.02	NR	0.03
26	NR	NR	NR	0.02	NR	NR	0.02
27	NR	NR	0.02	0.02	NR	NR	0.03
28	NR	NR	0.03	0.03	NR	NR	0.03
29	NR	NR	0.03	0.02	NR	NR	0.03
30	NR	NR	0.04	0.02	0.03	NR	0.04
31	NR	NR	0.02	0.05	0.03	NR	0.05
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? (see back) <i>Yes</i> / 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>Raymond S. Doan</i>	DATE: <i>2/2/23</i>
	SIGNATURE: <i>[Signature]</i>	CERT #: <i>T-2651 FE</i>
	PHONE #: <i>(541) 396-4614</i>	

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))

OHA - Drinking Water Program - Surface Water Quality Data Form

Certification

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

Month/Year:

Jan-23

Required Log Services

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 / 9:45	1.1	48	53	11.0	7.0	8	Yes	855
2 / 9:20	0.9	48	43	11.0	7.0	18	Yes	855
3 / 8:20	1.0	48	48	9.0	7.0	21	Yes	855
4 / 8:30	1.1	48	53	10.0	7.0	20	Yes	850
5 / 8:30	1.3	48	62	10.0	7.0	20	Yes	700
6 / 8:20	1.2	48	58	10.0	7.0	20	Yes	860
7 / 9:20	0.8	48	38	11.0	7.1	8	Yes	855
8 / 9:50	1.1	48	53	11.0	7.1	19	Yes	860
9 / 8:30	1.2	48	58	10.0	7.0	20	Yes	850
10 / 8:30	1.1	48	53	11.0	7.0	18	Yes	850
11 / 8:35	1.0	48	48	10.0	7.0	19	Yes	850
12 / 10:35	1.2	48	58	11.0	7.0	18	Yes	850
13 / 8:05	1.6	48	77	10.0	7.0	21	Yes	850
14 / 9:30	1.2	48	58	11.0	7.1	19	Yes	830
15 / 10:10	1.2	48	58	11.0	7.1	19	Yes	845
16 / 9:40	1.1	48	53	11.0	7.1	19	Yes	850
17 / 8:30	1.3	48	62	10.0	7.0	20	Yes	850
18 / 8:35	0.8	48	38	11.0	7.0	18	Yes	850
19 / 7:55	1.5	48	72	11.0	7.0	19	Yes	860
20 / 8:20	1.6	48	77	9.0	7.0	22	Yes	870
21 / 9:20	1.1	48	53	11.0	7.0	18	Yes	870
22 / 9:25	1.0	48	48	11.0	7.1	19	Yes	840
23 / 8:25	1.1	48	53	10.0	7.1	20	Yes	860
24 / 10:30	1.2	48	58	11.0	7.0	18	Yes	830
25 / 8:30	1.7	48	48	9.0	7.0	22	Yes	860
26 / 8:50	1.9	48	91	9.0	7.0	23	Yes	860
27 / 8:10	1.7	48	82	8.0	7.0	24	Yes	860
28 / 9:45	0.9	48	43	11.0	7.1	19	Yes	860
29 / 9:15	1.0	48	48	10.0	7.1	20	Yes	860
30 / 8:30	1.1	48	53	10.0	7.0	20	Yes	860
31 / 9:45	1.4	48	67	9.0	7.0	22	Yes	840

City of Coquille Daily Chlorine and pH Report

Month / Year : Jan-23

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	1.1	1.1	1.0	0.7		7.0	7.0	7.0	7.0		627.5	8.4	x		1.27	
2	0.9	1.1	1.0	0.6		7.0	7.0	7.0	7.0		635.9	6.5	x		1.41	25.0
3	1.0	1.0	1.3	0.4		7.0	7.0	7.0	7.0		642.4	10.0	x		1.45	
4	1.1	1.1	0.9	0.7		7.0	7.0	7.0	7.1		652.4	9.3	x		1.46	
5	1.3	1.1	0.9	0.3		7.0	7.0	7.0	7.1		661.7	12.4	x		1.44	
6	1.2	1.3	1.1	0.5		7.0	7.0	7.0	7.1		674.1	9.7	x		1.75	
7	0.8	1.3	1.0	0.5		7.1	7.0	7.0	7.1		683.8	7.9	x		1.50	
8	1.1	1.1	1.0	0.4		7.1	7.0	7.1	7.1		691.7	4.5	x		1.38	
9	1.2	1.2	1.0	0.6		7.0	7.0	7.0	7.1		696.2	9.1	x		1.29	20.0
10	1.1	1.3	1.3	0.7		7.0	7.0	7.0	7.0		705.3	13.1	x		1.44	
11	1.0	1.2	1.3	0.6		7.0	7.0	7.0	7.0		718.4	9.2	x		1.31	
12	1.2	1.3	1.2	0.6		7.0	7.0	7.0	7.0		727.6	8.4	x		1.51	
13	1.6	1.4	1.3	0.7		7.0	7.0	7.0	7.0		736.0	13.4	x		1.57	
14	1.2	1.3	1.0	0.5		7.1	7.0	7.0	7.1		749.4	7.3	x		1.42	
15	1.2	1.1	0.9	0.5		7.1	7.0	7.0	7.0		756.7	7.4	x		1.50	
16	1.1	1.1	0.9	0.6		7.1	7.1	7.0	7.0		764.1	9.9	x		1.36	
17	1.3	1.1	0.9	0.4		7.0	7.0	7.0	7.0		774.0	11.1	x		1.30	20.0
18	0.8	1.1	1.0	0.6		7.0	7.0	7.0	7.0		785.1	9.0	x		1.37	
19	1.5	1.1	1.0	0.5		7.0	7.0	7.0	7.0		794.1	14.6	x		1.31	
20	1.6	1.2	1.1	0.5		7.0	7.0	7.0	7.0		808.7	6.5	x		1.50	
21	1.1	0.9	1.1	0.5		7.0	7.0	7.0	7.0		815.2	9.9	x		1.27	
22	1.0	1.1	1.0	0.5		7.1	7.0	7.0	7.0		825.1	7.4	x		1.39	
23	1.1	1.1	0.9	0.5		7.1	7.0	7.0	7.0		832.5	12.0	x		1.40	15.0
24	1.2	1.0	0.9	0.5		7.0	7.0	7.0	7.0		844.5	13.7	x		2.70	
25	1.7	1.2	0.9	0.8		7.0	7.0	7.0	7.0		858.2	9.6	x		1.28	
26	1.9	1.2	1.2	0.7		7.0	7.0	7.0	7.1		867.8	5.8	x		1.28	
27	1.7	1.1	1.2	0.6		7.0	7.0	7.0	7.0		873.6	9.9	x		1.30	
28	0.9	1.0	1.0	0.6		7.1	7.0	7.0	7.0		883.5	7.2	x		1.41	
29	1.0	1.1	1.0	0.5		7.1	7.0	7.0	7.0		890.7	6.0	x		1.32	
30	1.1	1.0	0.9	0.5		7.0	7.0	7.0	7.0		896.7	23.1	x		1.58	10.0
31	1.4	1.0	0.8	0.5		7.0	7.0	7.0	7.0		919.8	11.7	x		2.04	

Sample Points	304
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

44927

Date	RAW WATER		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	RAW	Final	Raw Water	ml / Min	Machine Setting	Speed / Stroke	Bags Used	ml / Min	Machine Setting					
1		0.431	50/55	6.8	7.0	2.2	40	SCM	41/41	0	53	51/45	9.0	0.50	17 3/4	0.03
2		0.333	50/55	6.8	7.0	2.0		SCM	41/41	0		51/45	10.0	0.50	16 1/2	0.04
3		0.513	50/55	6.8	7.0	2.3		SCM	41/41	0		51/45	9.0	0.20	15	0.03
4		0.474	50/55	6.8	7.0	2.6		SCM	41/41	0		51/45	9.0	0.50	13	0.03
5		0.521	50/55	6.7	7.0	2.5		SCM	41/41	0		51/45	9.0	0.20	11	0.03
6		0.501	50/55	6.8	7.0	2.7		SCM	41/41	0		51/45	9.0	0.50	15 1/2	0.03
7		0.405	50/55	6.9	7.1	1.0		SCM	41/41	0		51/45	9.0	0.20	22	0.03
8		0.232	50/55	6.8	7.1	1.2		SCM	41/41	0		51/45	10.0	0.10	21 1/4	0.02
9		0.464	50/55	6.8	7.0	1.2		SCM	41/41	1		51/45	10.0	0.80	20 1/2	0.03
10		0.668	50/55	6.8	7.0	1.6		SCM	41/41	0		51/45	9.0	0.70	18 1/2	0.03
11		0.469	50/55	6.9	7.0	1.0		SCM	41/41	0		51/45	9.0	0.30	16 1/4	0.02
12		0.428	50/55	6.9	7.0	1.3		SCM	41/41	0		51/45	9.0	0.50	14 1/2	0.02
13		0.683	50/55	6.8	7.0	1.0		SCM	41/41	0		51/45	9.0	0.40	12 3/4	0.03
14		0.364	50/55	6.8	7.1	1.4		SCM	41/41	0		51/45	10.0	0.50	24	0.03
15		0.375	50/55	6.9	7.1	1.4		SCM	41/41	0		51/45	9.0	0.60	23	0.03
16		0.505	50/55	6.9	7.1	1.6		SCM	41/41	0		51/45	9.0	0.80	21 1/2	0.03
17		0.566	50/55	6.9	7.0	4.3		SCM	41/41	0		51/45	9.0	0.90	19 3/4	0.03
18		0.459	50/55	6.9	7.0	3.2		SCM	41/41	1		51/45	10.0	0.30	17 1/2	0.03
19		0.753	50/55	6.9	7.0	3.7		SCM	41/41	0		51/45	9.0	0.30	15	0.03
20		0.339	50/55	6.9	7.0	6.3		SCM	41/41	0		51/45	9.0	0.80	13	0.03
21		0.517	50/55	6.9	7.0	6.1		SCM	41/41	0		51/45	9.0	0.80	18 1/2	0.03
22		0.373	50/55	6.9	7.1	4.9		SCM	41/41	0		51/45	9.0	0.70	17 1/2	0.03
23		0.619	50/55	6.9	7.1	4.6		SCM	41/41	0		51/45	9.0	0.80	15 1/2	0.04
24		0.682	50/55	7.0	7.0	4.0		SCM	41/41	0		51/45	8.0	0.10	13 1/2	0.04
25		0.495	50/55	6.9	7.0	3.5		SCM	41/41	0		51/45	8.0	0.10	11	0.03
26		0.299	50/55	6.9	7.0	3.8		SCM	41/41	0		51/45	8.0	0.10	16 1/2	0.02
27		0.511	50/55	6.9	7.0	3.6		SCM	41/41	1		51/45	9.0	0.70	15 1/4	0.03
28		0.372	50/55	6.9	7.1	3.7		SCM	41/41	0		51/45	9.0	0.10	20 1/2	0.03
29		0.310	50/55	6.9	7.1	4.5		SCM	41/41	0		51/45	9.0	0.10	20	0.03
30		1.192	50/55	6.9	7.0	3.9		SCM	41/41	0		51/45	9.0	0.10	19 1/4	0.04
31		0.590	50/55	6.9	7.0	5.0		SCM	41/41	0		51/45	8.0	0.10	15 3/4	0.05

FEB 06 2023

Daily Fluoride, Production & Chlorination Report

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Certification
Drinking Water Services

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 : <u>Jan-23</u>	Free Chlorine Residual Tests Test Method: DPD 2. Knowlton Heights 3. WWTP, Sink Tap 4. Steel Tank 5. Random Point - Oerding Hts
Source of Water: <u>Rink Creek</u>	

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	431	0.78	1.1	1.1	1.0	0.7	
2	" "	333	0.88	0.9	1.1	1.0	0.6	
3		513	0.87	1.0	1.0	1.3	0.4	
4		474	0.75	1.1	1.1	0.9	0.7	
5		521	0.80	1.3	1.1	0.9	0.3	
6		501	0.90	1.2	1.3	1.1	0.5	
7	" "	405	0.80	0.8	1.3	1.0	0.5	
8		232	0.72	1.1	1.1	1.0	0.4	
9		464	0.62	1.2	1.2	1.0	0.6	
10	" "	668	0.64	1.1	1.3	1.3	0.7	
11	" "	469	0.70	1.0	1.2	1.3	0.6	
12	" "	428	0.80	1.2	1.3	1.2	0.6	
13	" "	683	0.83	1.6	1.4	1.3	0.7	
14	" "	364	0.88	1.2	1.3	1.0	0.5	
15	" "	375	0.88	1.2	1.1	0.9	0.5	
16	" "	505	0.81	1.1	1.1	0.9	0.6	
17	" "	566	0.71	1.3	1.1	0.9	0.4	
18	" "	459	0.68	0.8	1.1	1.0	0.6	
19	" "	753	0.44	1.5	1.1	1.0	0.5	
20	" "	339	0.70	1.6	1.2	1.1	0.5	
21	" "	517	0.70	1.1	0.9	1.1	0.5	
22	" "	373	0.73	1.0	1.1	1.0	0.5	
23	" "	619	0.76	1.1	1.1	0.9	0.5	
24	" "	682	0.76	1.2	1.0	0.9	0.5	
25	" "	495	0.84	1.7	1.2	0.9	0.8	
26	" "	299	0.73	1.9	1.2	1.2	0.7	
27	" "	511	0.70	1.7	1.1	1.2	0.6	
28	" "	372	0.58	0.9	1.0	1.0	0.6	
29		310	0.58	1.0	1.1	1.0	0.5	
30		1192	0.52	1.1	1.0	0.9	0.5	
31		590	0.64	1.4	1.0	0.8	0.5	