

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-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	NR	NR	0.03
2	NR	NR	0.03	0.02	0.02	NR	0.04
3	NR	NR	0.03	0.02	0.02	NR	0.04
4	NR	NR	0.03	0.03	NR	NR	0.03
5	NR	NR	0.03	0.02	0.02	NR	0.03
6	NR	NR	0.02	0.02	NR	NR	0.02
7	NR	NR	0.03	0.03	NR	NR	0.03
8	NR	NR	0.03	0.02	0.02	NR	0.03
9	NR	NR	0.02	0.02	NR	NR	0.03
10	NR	NR	0.02	0.02	NR	NR	0.04
11	NR	NR	0.03	0.02	NR	NR	0.03
12	NR	NR	0.02	0.02	0.02	NR	0.02
13	NR	NR	0.02	0.02	0.02	NR	0.02
14	NR	NR	0.03	0.02	NR	NR	0.03
15	NR	NR	0.03	0.03	NR	NR	0.03
16	NR	NR	0.03	0.04	0.10	0.04	0.16
17	NR	NR	0.10	0.02	NR	NR	0.12
18	NR	NR	0.02	0.02	NR	NR	0.03
19	NR	NR	0.03	0.02	NR	NR	0.03
20	0.02	0.03	0.02	0.02	0.02	0.02	0.02
21	0.02	0.02	NR	0.02	0.03	NR	0.03
22	NR	NR	0.03	0.03	0.03	NR	0.03
23	NR	NR	0.03	0.03	0.04	NR	0.04
24	NR	NR	0.02	0.02	NR	NR	0.03
25	NR	NR	0.02	0.02	NR	NR	0.02
26	NR	NR	NR	0.03	0.03	0.03	0.03
27	NR	NR	0.03	0.03	NR	NR	0.03
28	NR	NR	0.03	0.02	NR	NR	0.03
29	NR	NR	0.03	0.03	NR	NR	0.03
30	NR	NR	0.02	0.03	0.03	NR	0.03
31	NR	NR	0.05	0.04	NR	NR	0.05

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		
	DATE: <i>11/3/23</i>	CERT #: <i>T-2651 FE</i>
PHONE #: (541) 396-4614		

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NOV 13 2023

Data Mgmt & Compliance
Drinking Water Program

OHA - Drinking Water Program - Surface Water Quality Data Form

COQUILLE, CITY OF ID #: OR4100213 WTP-: WTP-A Month/Year: Oct-23 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 / 9:45	0.8	48	48	18.0	7.1	11	Yes	1190
2 / 8:40	1.0	48	48	17.0	7.1	12	Yes	1190
3 / 8:30	0.8	48	38	17.0	7.0	12	Yes	1080
4 / 8:40	0.8	48	38	17.0	7.0	12	Yes	1070
5 / 8:30	0.9	48	43	17.0	7.0	12	Yes	1080
6 / 8:35	0.8	48	38	18.0	7.0	11	Yes	1080
7 / 9:50	0.8	48	38	18.0	7.0	11	Yes	1085
8 / 9:45	0.8	48	38	18.0	7.1	11	Yes	1030
9 / 13:45	1.0	48	48	19.0	7.1	11	Yes	1010
10 / 8:45	0.7	48	34	18.0	7.0	11	Yes	1010
11 / 8:45	0.7	48	34	17.0	7.0	12	Yes	1020
12 / 8:40	0.9	48	43	18.0	7.0	11	Yes	1010
13 / 8:35	0.9	48	43	17.0	7.1	12	Yes	1010
14 / 10:00	1.0	48	48	17.0	7.1	12	Yes	1015
15 / 10:10	0.9	48	43	17.0	7.1	12	Yes	1010
16 / 8:50	0.8	48	38	17.0	7.1	12	Yes	1020
17 / 9:30	0.7	48	34	17.0	7.0	12	Yes	1020
18 / 8:30	0.8	48	38	16.0	7.0	12	Yes	1020
19 / 8:35	1.0	48	48	16.0	7.1	13	Yes	1025
20 / 8:40	0.8	48	38	17.0	7.0	12	Yes	1020
21 / 9:30	1.0	48	48	17.0	7.1	12	Yes	1030
22 / 9:40	1.0	48	48	17.0	7.1	12	Yes	1030
23 / 8:35	0.9	48	43	17.0	7.1	12	Yes	1030
24 / 8:40	0.8	48	38	16.0	7.0	12	Yes	1030
25 / 8:45	0.7	48	34	15.0	7.0	13	Yes	1020
26 / 8:45	1.0	48	48	16.0	7.0	13	Yes	1030
27 / 8:30	0.8	48	38	15.0	7.1	14	Yes	1020
28 / 9:55	1.0	48	48	15.0	7.0	14	Yes	1020
29 / 10:00	0.7	48	34	14.0	7.1	15	Yes	1010
30 / 8:40	1.1	48	53	13.0	7.2	17	Yes	1010
31 / 9:00	1.7	48	82	12.0	7.0	18	Yes	1015

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NOV 13 2023

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

Data Mgmt & Compliance
Drinking Water Program

Month / Year : Oct-23

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	Finished Water Fluoride MG/L	SP #2	SP #3	SP #4	SP #5	Remarks
				PPM	PPM	PPM	PPM	
1	Calculated	507	0.63	0.8	0.8	0.2	0.1	
2	" "	635	0.59	1.0	0.7	0.2	0.2	
3	" "	667	0.64	0.8	0.7	0.2	0.1	
4	" "	469	0.79	0.8	0.7	0.2	0.1	
5	" "	713	0.94	0.9	0.6	0.1	0.1	
6	" "	518	0.82	0.8	0.8	0.3	0.1	
7	" "	547	0.84	0.8	0.7	0.2	0.2	
8	" "	871	0.84	0.8	0.8	0.2	0.1	
9	" "	230	0.68	1.0	0.5	0.3	0.1	
10	" "	455	0.51	0.7	0.6	0.2	0.1	
11	" "	526	0.63	0.7	0.7	0.2	0.1	
12	" "	533	0.51	0.9	0.9	0.2	0.1	
13	" "	709	0.39	0.9	0.7	0.5	0.1	
14	" "	371	0.61	1.0	1.0	0.3	0.1	
15	" "	321	0.69	0.9	0.8	0.2	0.2	
16	" "	845	0.86	0.8	0.8	0.4	0.1	
17	" "	459	0.46	0.7	0.6	0.4	0.1	
18	" "	441	0.71	0.8	0.6	0.3	0.1	
19	" "	467	0.62	1.0	0.7	0.3	0.1	
20	" "	1381	0.55	0.8	0.9	0.2	0.3	
21	" "	550	0.38	1.0	0.9	0.1	0.8	
22	" "	519	0.70	1.0	0.9	0.4	0.1	
23	" "	599	0.74	0.9	0.8	0.3	0.1	
24	" "	482	0.87	0.8	0.7	0.2	0.1	
25	" "	373	0.81	0.7	0.7	0.3	0.1	
26	" "	871	0.76	1.0	0.9	0.4	0.1	
27	" "	508	0.64	0.8	1.0	0.5	0.4	
28	" "	435	0.64	1.0	0.9	0.4	0.1	
29	" "	430	0.54	0.7	0.9	0.4	0.1	
30	" "	573	0.55	1.1	0.8	0.5	0.1	
31	" "	463	0.72	1.7	0.9	0.4	0.3	

Month / Year : Oct-23

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	0.8	0.8	0.2	0.1		7.1	7.2	7.3	7.3		264.0	7.1		X	1.46	
2	1.0	0.7	0.2	0.2		7.1	7.2	7.2	7.3		271.1	8.9		X	1.49	53.0
3	0.8	0.7	0.2	0.1		7.0	7.1	7.2	7.3		280.0	10.3		X	1.58	
4	0.8	0.7	0.2	0.1		7.0	7.1	7.2	7.3		290.3	7.3		X	1.49	
5	0.9	0.6	0.1	0.1		7.0	7.1	7.2	7.2		297.6	11.0		X	1.48	
6	0.8	0.8	0.3	0.1		7.0	7.0	7.1	7.2		308.6	8.0		X	1.50	
7	0.8	0.7	0.2	0.2		7.0	7.1	7.1	7.2		316.6	8.4		X	1.53	
8	0.8	0.8	0.2	0.1		7.1	7.2	7.2	7.3		325.0	14.1		X	1.43	
9	1.0	0.5	0.3	0.1		7.1	7.0	7.1	7.3		339.1	3.8		X	1.58	53.0
10	0.7	0.6	0.2	0.1		7.0	7.1	7.1	7.3		342.9	7.5		X	1.49	
11	0.7	0.7	0.2	0.1		7.0	7.1	7.1	7.3		350.4	8.6		X	1.68	
12	0.9	0.9	0.2	0.1		7.0	7.0	7.0	7.2		359.0	8.8		X	1.55	
13	0.9	0.7	0.5	0.1		7.1	7.1	7.2	7.2		367.8	11.7		X	1.66	
14	1.0	1.0	0.3	0.1		7.1	7.1	7.2	7.3		379.5	6.1		X	1.60	
15	0.9	0.8	0.2	0.2		7.1	7.1	7.1	7.3		385.6	5.3		X	1.47	
16	0.8	0.8	0.4	0.1		7.1	7.2	7.2	7.3		390.9	13.8		X	1.38	45.0
17	0.7	0.6	0.4	0.1		7.0	7.0	7.1	7.2		404.7	7.5		X	1.55	
18	0.8	0.6	0.3	0.1		7.0	7.1	7.1	7.3		412.2	7.2		X	1.39	
19	1.0	0.7	0.3	0.1		7.1	7.1	7.2	7.3		419.4	7.6		X	1.58	
20	0.8	0.9	0.2	0.3		7.0	7.1	7.1	7.3		427.0	22.6		X	1.46	
21	1.0	0.9	0.1	0.8		7.1	7.0	7.1	7.2		449.6	8.9		X	1.44	
22	1.0	0.9	0.4	0.1		7.1	7.1	7.1	7.3		458.5	8.4		X	1.47	
23	0.9	0.8	0.3	0.1		7.1	7.0	7.0	7.2		466.9	9.7		X	1.35	57.0
24	0.8	0.7	0.2	0.1		7.0	7.1	7.1	7.3		476.6	7.8		X	1.57	
25	0.7	0.7	0.3	0.1		7.0	7.1	7.2	7.3		484.4	6.1		X	1.62	
26	1.0	0.9	0.4	0.1		7.0	7.1	7.0	7.2		490.5	14.1		X	1.30	
27	0.8	1.0	0.5	0.4		7.1	7.1	7.1	7.3		504.6	8.3		X	1.47	
28	1.0	0.9	0.4	0.1		7.0	7.1	7.1	7.3		512.9	7.1		X	1.55	
29	0.7	0.9	0.4	0.1		7.1	7.1	7.2	7.3		520.0	7.1		X	1.46	
30	1.1	0.8	0.5	0.1		7.2	7.2	7.2	7.3		527.1	11.1		X	1.46	40.0
31	1.7	0.9	0.4	0.3		7.0	7.1	7.0	7.2		538.2	7.6		X	1.45	

Sample Points _____
 Final Water Tap _____
 MGRES _____
 Sewage Plant _____

281.8 _____
 16,087 Million Gallons _____
 n/a Pounds _____
 n/a Pounds _____
 n/a Pounds _____
 100 Pounds _____
 2,936 Million Pounds _____



City of Coquille Water Plant Report

45200

RAW WATER	Post		Salt	PH		TURBIDITY	ISOPAC 835	FLOURIDE		SODA ASH		Temperature °C	Settled Water Turbidity	Soda Ash Tank Inches	Highest Turbidity of the Day		
	Scale Reading	Feed Rate mL / Min		RAW	Final			Speed / Stroke	Machine Setting	mL / Min	Machine Setting						
1	0.507			1	6.9	7.1	10.3	40	SCM	41/41	0	53	51/45	17.0	0.60	23	0.03
2	0.635			1	6.9	7.1	4.2		SCM	41/41	1		51/45	17.0	0.70	22 1/4	0.04
3	0.667			1	7.0	7.0	5.1		SCM	41/41	0		51/45	17.0	0.60	28 1/2	0.04
4	0.469			1	6.8	7.0	5.8		SCM	41/41	0		51/45	17.0	0.60	27 1/2	0.03
5	0.713			1	6.8	7.0	5.9		SCM	41/41	0		51/45	17.0	0.70	27 1/4	0.03
6	0.518			0	6.8	7.0	5.9		SCM	41/41	0		51/45	18.0	0.60	26 1/2	0.02
7	0.547			1	6.8	7.0	6.2		SCM	41/41	0		51/45	18.0	0.70	25 1/2	0.03
8	0.871			1	7.0	7.1	6.3		SCM	41/41	0		51/45	18.0	0.80	24 1/4	0.03
9	0.230			1	6.8	7.1	6.7		SCM	41/41	0		51/45	19.0	0.50	24	0.03
10	0.455			1	6.8	7.0	7.1		SCM	41/41	0		51/45	18.0	0.50	23 1/2	0.04
11	0.526			1	6.7	7.0	8.1		SCM	41/41	0		51/45	18.0	0.40	23	0.03
12	0.533			0	6.9	7.0	4.2		SCM	41/41	0		51/45	18.0	0.10	22 3/4	0.02
13	0.709			1	6.9	7.1	7.1		SCM	41/41	1		51/45	17.0	0.20	22	0.02
14	0.371			1	6.9	7.1	5.0		SCM	41/41	0		51/45	15.0	0.40	20 5/9	0.03
15	0.321			1	6.9	7.1	4.6		SCM	41/41	0		51/45	15.0	0.40	19 1/2	0.03
16	0.845			1	6.8	7.1	5.6		SCM	41/41	0		51/45	15.0	0.30	19	0.16
17	0.459			0	6.7	7.0	5.2		SCM	41/41	0		51/45	15.0	0.20	33 1/2	0.12
18	0.441			1	6.8	7.0	4.7		SCM	41/41	0		51/45	15.0	0.40	32 1/2	0.03
19	0.467			1	6.8	7.1	4.9		SCM	41/41	0		51/45	16.0	0.50	31 3/4	0.03
20	1.381			1	6.8	7.0	5.3		SCM	41/41	0		51/45	17.0	0.60	30 1/2	0.02
21	0.550			0	6.9	7.1	7.4		SCM	41/41	0		51/45	17.0	0.80	27 1/2	0.03
22	0.519			1	6.8	7.1	8.4		SCM	41/41	1		51/45	17.0	0.40	26	0.03
23	0.599			1	6.7	7.1	4.4		SCM	41/41	0		51/45	17.0	0.50	25	0.04
24	0.482			1	6.8	7.0	5.8		SCM	41/41	0		51/45	16.0	0.60	23 1/2	0.03
25	0.373			1	6.8	7.0	5.4		SCM	41/41	0		51/45	15.0	0.70	22 1/2	0.02
26	0.871			1	6.8	7.0	6.2		SCM	41/41	0		51/45	15.0	0.60	22	0.03
27	0.508			1	6.7	7.1	6.8		SCM	41/41	0		51/45	13.0	0.40	20	0.03
28	0.435			1	6.9	7.0	6.3		SCM	41/41	0		51/45	13.0	0.50	28 3/2	0.03
29	0.430			0	6.9	7.1	7.2		SCM	41/41	1		51/45	12.0	0.60	17 1/2	0.03
30	0.573			0	6.9	7.2	8.7		SCM	41/41	0		51/45	11.0	0.10	24 3/4	0.03
31	0.463			1	6.8	7.0	4.4		SCM	41/41	0		51/45	10.0	0.10	23 1/2	0.05