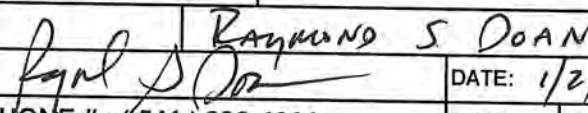


**OHA - Drinking Water Program - Turbidity Monitoring Report Form County:COOS
Conventional or Direct Filtration**

System Name: COQUILLE, CITY OF ID:OR4100213 WTP--:WTP-A Month/Year: Dec-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	0.03	0.03	NR	0.03
2	NR	NR	0.03	0.03	NR	NR	0.03
3	NR	NR	0.07	0.04	NR	NR	0.07
4	NR	NR	0.02	0.02	0.03	NR	0.06
5	NR	NR	0.06	0.06	NR	NR	0.06
6	NR	NR	0.06	0.06	NR	NR	0.06
7	NR	NR	0.02	0.02	NR	NR	0.03
8	NR	NR	0.03	0.02	0.02	NR	0.02
9	NR	NR	0.02	0.04	NR	NR	0.04
10	NR	NR	0.02	0.02	0.02	0.02	0.02
11	NR	NR	0.04	0.02	0.02	NR	0.07
12	NR	NR	0.03	0.02	0.02	NR	0.03
13	NR	NR	0.02	0.02	0.02	NR	0.02
14	NR	NR	0.02	0.02	0.02	0.02	0.02
15	NR	NR	0.03	0.02	0.02	NR	0.03
16	NR	NR	0.02	0.02	NR	NR	0.02
17	NR	NR	0.03	0.02	0.02	NR	0.03
18	NR	NR	0.02	0.02	0.04	NR	0.05
19	NR	NR	0.06	0.05	0.05	NR	0.07
20	NR	NR	0.06	0.05	0.05	NR	0.06
21	NR	NR	0.02	0.02	0.02	NR	0.03
22	NR	NR	0.02	0.02	0.02	NR	0.02
23	NR	NR	0.02	0.02	0.02	NR	0.02
24	NR	NR	0.02	0.03	0.02	NR	0.04
25	NR	NR	0.02	0.02	0.02	NR	0.02
26	NR	NR	0.02	0.02	0.02	NR	0.07
27	NR	NR	0.05	0.02	0.03	NR	0.07
28	NR	NR	0.03	0.04	0.05	NR	0.05
29	NR	NR	0.03	0.05	0.06	0.06	0.06
30	0.06	NR	0.03	0.02	0.02	NR	0.06
31	NR	NR	0.02	0.02	0.02	NR	0.02

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of the 4 hour turbidity readings ≤ 0.3 NTU? <u>Yes</u> / No	CT's met everyday? (see back) <u>Yes</u> / No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? <u>Yes</u> / No
All the 4 hour turbidity readings ≤ 1 NTU? <u>Yes</u> / No	 Raymond S Doan DATE: 1/2/24	
All turbidity readings ≤ IFE ² triggers? <u>Yes</u> / No ²		

OHA - Drinking Water Program - Surface Water Quality Data Form

COQUILLE, CITY OF ID #: OR4100213 WTP-: WTP-A Month/Year: Dec-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 / 8:20	1.2	48	48	11.0	7.2	20	Yes	980
2 / 9:45	0.8	48	38	13.0	7.0	15	Yes	980
3 / 9:30	0.8	48	38	12.0	7.1	17	Yes	990
4 / 8:30	0.7	48	34	12.0	7.1	17	Yes	990
5 / 10:15	0.6	48	29	13.0	7.0	15	Yes	985
6 / 8:20	0.8	48	38	12.0	7.0	17	Yes	980
7 / 8:30	0.8	48	38	12.0	7.0	17	Yes	1000
8 / 8:35	0.8	48	38	11.0	7.0	18	Yes	1000
9 / 9:50	0.8	48	38	11.0	7.0	18	Yes	1000
10 / 9:45	0.7	48	34	12.0	7.1	17	Yes	1000
11 / 8:30	0.7	48	34	12.0	7.1	17	Yes	1000
12 / 8:30	0.7	48	34	11.0	7.0	17	Yes	1000
13 / 8:30	0.8	48	38	11.0	7.0	18	Yes	1000
14 / 10:00	0.9	48	43	11.0	7.2	19	Yes	1000
15 / 8:30	0.6	48	29	11.0	7.0	17	Yes	1000
16 / 9:45	0.9	48	43	12.0	7.1	17	Yes	1000
17 / 9:50	0.8	48	38	12.0	7.0	17	Yes	1000
18 / 8:45	1.0	48	48	11.0	7.1	19	Yes	1000
19 / 8:30	0.9	48	43	11.0	7.1	19	Yes	1000
20 / 8:40	0.7	48	34	12.0	7.0	16	Yes	1000
21 / 8:40	0.7	48	34	12.0	7.1	17	Yes	1000
22 / 8:30	0.8	48	38	12.0	7.1	17	Yes	1000
23 / 10:00	1.2	48	58	12.0	7.0	17	Yes	1000
24 / 9:25	0.9	48	43	11.0	7.0	18	Yes	1010
25 / 10:00	0.9	48	43	11.0	7.0	18	Yes	1000
26 / 9:20	0.7	48	34	11.0	7.0	17	Yes	980
27 / 9:00	0.7	48	34	11.0	7.0	17	Yes	960
28 / 9:00	0.8	48	38	11.0	7.0	18	Yes	980
29 / 9:00	0.9	48	43	12.0	7.1	17	Yes	990
30 / 10:00	0.9	48	43	12.0	7.0	17	Yes	990
31 / 9:30	1.0	48	48	10.0	7.1	20	Yes	970

Month / Year : Dec-23

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.		
1	1.2	0.7	0.6	0.1		7.2	7.2	7.0	7.2		833.9	9.9	X		1.17
2	0.8	0.8	0.7	0.2		7.0	7.0	7.0	7.1		843.8	7.1	X		1.14
3	0.8	0.7	0.5	0.2		7.1	7.0	7.0	7.0		850.9	7.4	X		1.13
4	0.7	0.8	0.6	0.2		7.1	7.0	7.0	7.0		858.3	13.2	X		1.10
5	0.6	0.5	0.4	0.2		7.0	7.0	7.0	7.0		871.5	5.8	X		1.11
6	0.8	1.0	0.5	0.2		7.0	7.0	7.0	7.0		877.3	7.5	X		1.11
7	0.8	1.0	0.6	0.1		7.0	7.1	7.0	7.0		884.8	9.3	X		1.19
8	0.8	0.9	0.7	0.2		7.0	7.0	7.0	7.0		894.1	12.7	X		1.14
9	0.8	0.8	0.5	0.2		7.0	7.0	7.0	7.1		906.8	6.9	X		1.12
10	0.7	0.8	0.6	0.2		7.1	7.0	7.0	7.0		913.7	14.0	X		1.33
11	0.7	0.9	0.6	0.4		7.1	7.0	7.0	7.0		927.7	9.0	X		1.18
12	0.7	0.6	0.5	0.2		7.0	7.0	7.0	7.0		936.7	9.8	X		1.13
13	0.8	0.7	0.5	0.2		7.0	7.0	7.0	7.0		946.5	10.2	X		1.28
14	0.9	1.0	0.5	0.2		7.2	7.1	7.1	7.1		956.7	10.2	X		1.33
15	0.6	0.9	0.6	0.1		7.0	7.1	7.0	7.1		966.9	12.6	X		1.22
16	0.9	0.9	0.6	0.4		7.1	7.0	7.0	7.0		979.5	8.6	X		1.44
17	0.8	0.9	0.7	0.2		7.0	7.0	7.0	7.0		988.1	8.7	X		1.50
18	1.0	0.9	0.7	0.3		7.1	7.0	7.0	7.0		996.8	9.7	X		1.44
19	0.9	0.6	0.6	0.2		7.1	7.2	7.1	7.3		6.3	9.4	X		1.39
20	0.7	0.9	0.7	0.2		7.0	7.2	7.4	7.6		15.7	11.8	X		1.53
21	0.7	0.8	0.5	0.1		7.1	7.1	7.1	7.1		27.5	11.3	X		1.38
22	0.8	1.0	0.5	0.2		7.1	7.1	7.0	7.1		38.8	10.5	X		1.45
23	1.2	1.0	0.8	0.2		7.0	7.0	7.0	7.1		49.3	9.9	X		1.60
24	0.9	1.0	0.8	0.3		7.1	7.0	7.0	7.0		59.2	11.6	X		1.51
25	0.9	1.1	0.9	0.2		7.0	7.0	7.0	7.0		70.8	9.4	X		1.35
26	0.7	0.8	0.7	0.2		7.0	7.1	7.0	7.1		80.2	7.5	X		1.39
27	0.7	0.8	0.7	0.2		7.0	7.0	7.0	7.2		87.7	11.5	X		1.26
28	0.8	0.7	0.6	0.3		7.0	7.0	7.0	7.1		99.2	10.0	X		1.34
29	0.9	0.9	0.6	0.2		7.1	7.0	7.0	7.1		109.2	19.2	X		1.47
30	0.9	1.0	0.9	0.3		7.0	7.0	7.0	7.0		128.4	8.1	X		1.40
31	1.0	1.0	0.8	0.3		7.1	7.0	7.0	7.0		136.5	8.5	X		1.47

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

311.3 _____
 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

Dec-23

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	
Date	River MGD	Rink Creek MGD	Scale Reading	Feed Rate mL / Min	Bags Used	RAW	Final	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						
1	0.582		50/55		0	7.0	7.2	3.2	40	SCM	41/41	1	53	51/45	10.0	0.70	19 3/4	0.03						
2	0.417		50/55		1	6.8	7.0	3.4		SCM	41/41	0		51/45	11.0	0.60	25	0.03						
3	0.440		50/55		1	6.8	7.1	3.9		SCM	41/41	0		51/45	12.0	0.70	23 1/4	0.07						
4	0.784		50/55		1	6.7	7.1	6.2		SCM	41/41	0		51/45	11.0	0.60	21 1/2	0.06						
5	0.343		50/55		1	6.6	7.0	6.6		SCM	41/41	0		51/45	12.0	0.70	18 1/2	0.06						
6	0.441		50/55		0	6.8	7.0	3.6		SCM	41/41	0		51/45	11.0	0.90	17 1/2	0.06						
7	0.558		50/55		1	6.9	7.0	3.6		SCM	41/41	0		51/45	11.0	0.80	16	0.03						
8	0.762		50/55		1	6.8	7.0	3.1		SCM	41/41	0		51/45	11.0	0.60	22	0.02						
9	0.414		50/55		1	6.9	7.0	4.3		SCM	41/41	0		51/45	11.0	0.70	21 1/2	0.04						
10	0.840		50/55		0	6.9	7.1	4.7		SCM	41/41	0		51/45	11.0	0.40	21 1/2	0.02						
11	0.540		50/55		1	6.9	7.1	4.4		SCM	41/41	1		51/45	11.0	0.80	20 1/2	0.07						
12	0.588		50/55		1	6.7	7.0	4.4		SCM	41/41	0		51/45	11.0	0.70	19	0.03						
13	0.612		50/55		1	6.6	7.0	4.3		SCM	41/41	0		51/45	11.0	0.90	17 1/2	0.02						
14	0.612		50/55		0	6.7	7.2	4.3		SCM	41/41	1		51/45	11.0	0.90	15 3/4	0.03						
15	0.756		50/55		1	6.9	7.0	4.1		SCM	41/41	0		51/45	11.0	0.60	31	0.02						
16	0.516		50/55		1	6.8	7.1	4.1		SCM	41/41	0		51/45	11.0	0.80	29 1/4	0.03						
17	0.522		50/55		1	6.8	7.0	4.3		SCM	41/41	0		51/45	11.0	0.70	28 3/4	0.05						
18	0.582		50/55		1	6.8	7.1	3.5		SCM	41/41	0		51/45	11.0	0.70	28 1/2	0.07						
19	0.564		50/55		1	6.9	7.1	4.2		SCM	41/41	0		51/45	11.0	0.80	27	0.06						
20	0.708		50/55		1	6.6	7.0	3.3		SCM	41/41	0		51/45	11.0	0.90	25 1/2	0.03						
21	0.678		50/55		0	6.6	7.1	3.3		SCM	41/41	0		51/45	12.0	0.50	25	0.02						
22	0.630		50/55		1	6.8	7.1	3.3		SCM	41/41	0		51/45	11.0	0.80	23	0.02						
23	0.594		50/55		0	6.8	7.0	2.6		SCM	41/41	1		51/45	10.0	0.70	20	0.02						
24	0.703		50/55		1	6.8	7.1	3.1		SCM	41/41	0		51/45	11.0	0.80	17 3/4	0.04						
25	0.564		50/55		1	6.8	7.0	3.3		SCM	41/41	0		51/45	10.0	0.70	15	0.02						
26	0.441		50/55		0	6.8	7.0	2.8		SCM	41/41	0		51/45	11.0	0.80	29	0.07						
27	0.662		50/55		0	6.7	7.0	3.1		SCM	41/41	0		51/45	11.0	0.60	27 1/2	0.07						
28	0.588		50/55		0	6.8	7.0	4.0		SCM	41/41	0		51/45	11.0	0.30	26 1/2	0.05						
29	1.140		50/55		0	6.7	7.1	3.0		SCM	41/41	0		51/45	11.0	0.50	25	0.06						
30	0.479		50/55		0	6.7	7.0	2.1		SCM	41/41	0		51/45	11.0	0.60	23 3/4	0.06						
31	0.495		50/55		0	6.8	7.0	2.6		SCM	41/41	0		51/45	10.0	0.60	21	0.02						

Month / Year : Dec-23

City of Coquille Daily Chlorine and pH Report

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	1.2	0.7	0.6	0.1		7.2	7.2	7.0	7.2		833.9	9.9	X		1.17	
2	0.8	0.8	0.7	0.2		7.0	7.0	7.0	7.1		843.8	7.1	X		1.14	
3	0.8	0.7	0.5	0.2		7.1	7.0	7.0	7.0		850.9	7.4	X		1.13	
4	0.7	0.8	0.6	0.2		7.1	7.0	7.0	7.0		858.3	13.2	X		1.10	35.0
5	0.6	0.5	0.4	0.2		7.0	7.0	7.0	7.0		871.5	5.8	X		1.11	
6	0.8	1.0	0.5	0.2		7.0	7.0	7.0	7.0		877.3	7.5	X		1.11	
7	0.8	1.0	0.6	0.1		7.0	7.1	7.0	7.0		884.8	9.3	X		1.19	
8	0.8	0.9	0.7	0.2		7.0	7.0	7.0	7.0		894.1	12.7	X		1.14	
9	0.8	0.8	0.5	0.2		7.0	7.0	7.0	7.1		906.8	6.9	X		1.12	
10	0.7	0.8	0.6	0.2		7.1	7.0	7.0	7.0		913.7	14.0	X		1.33	
11	0.7	0.9	0.6	0.4		7.1	7.0	7.0	7.0		927.7	9.0	X		1.18	40.0
12	0.7	0.6	0.5	0.2		7.0	7.0	7.0	7.0		936.7	9.8	X		1.13	
13	0.8	0.7	0.5	0.2		7.0	7.0	7.0	7.0		946.5	10.2	X		1.28	
14	0.9	1.0	0.5	0.2		7.2	7.1	7.1	7.1		956.7	10.2	X		1.33	
15	0.6	0.9	0.6	0.1		7.0	7.1	7.0	7.1		966.9	12.6	X		1.22	
16	0.9	0.9	0.6	0.4		7.1	7.0	7.0	7.0		979.5	8.6	X		1.44	
17	0.8	0.9	0.7	0.2		7.0	7.0	7.0	7.0		988.1	8.7	X		1.50	
18	1.0	0.9	0.7	0.3		7.1	7.0	7.0	7.0		996.8	9.7	X		1.44	26.0
19	0.9	0.6	0.6	0.2		7.1	7.2	7.1	7.3		6.3	9.4	X		1.39	
20	0.7	0.9	0.7	0.2		7.0	7.2	7.4	7.6		15.7	11.8	X		1.53	
21	0.7	0.8	0.5	0.1		7.1	7.1	7.1	7.1		27.5	11.3	X		1.38	
22	0.8	1.0	0.5	0.2		7.1	7.1	7.0	7.1		38.8	10.5	X		1.45	
23	1.2	1.0	0.8	0.2		7.0	7.0	7.0	7.1		49.3	9.9	X		1.60	
24	0.9	1.0	0.8	0.3		7.1	7.0	7.0	7.0		59.2	11.6	X		1.51	
25	0.9	1.1	0.9	0.2		7.0	7.0	7.0	7.0		70.8	9.4	X		1.35	33.0
26	0.7	0.8	0.7	0.2		7.0	7.1	7.0	7.1		80.2	7.5	X		1.39	
27	0.7	0.8	0.7	0.2		7.0	7.0	7.0	7.2		87.7	11.5	X		1.26	
28	0.8	0.7	0.6	0.3		7.0	7.0	7.0	7.1		99.2	10.0	X		1.34	
29	0.9	0.9	0.6	0.2		7.1	7.0	7.0	7.1		109.2	19.2	X		1.47	
30	0.9	1.0	0.9	0.3		7.0	7.0	7.0	7.0		128.4	8.1	X		1.40	
31	1.0	1.0	0.8	0.3		7.1	7.0	7.0	7.0		136.5	8.5	X		1.47	

Sample Points
Final Water Tap
MGRES
Sewage Plant

311.3
16,087 Million Gallons
n/a Pounds
n/a Pounds
n/a Pounds
100 Pounds
2,936 Million Pounds