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-21**

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	0.02	0.02	NR	NR	0.02
2	NR	NR	0.02	0.04	0.02	NR	0.04
3	NR	NR	NR	0.02	NR	NR	0.02
4	NR	NR	0.03	0.02	NR	NR	0.03
5	NR	NR	0.02	0.02	NR	NR	0.02
6	NR	NR	NR	0.03	0.02	NR	0.03
7	NR	NR	0.02	0.02	NR	NR	0.02
8	NR	NR	NR	0.02	NR	NR	0.02
9	NR	NR	NR	0.02	0.02	NR	0.02
10	NR	NR	0.02	0.02	NR	NR	0.02
11	NR	NR	0.03	0.02	0.02	NR	0.04
12	NR	NR	0.02	0.02	NR	NR	0.02
13	NR	NR	0.04	0.02	0.02	NR	0.04
14	NR	NR	0.03	0.02	0.02	NR	0.03
15	NR	NR	0.02	0.02	0.02	NR	0.02
16	NR	NR	0.03	0.02	0.02	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	0.02	0.02	NR	NR	0.02
20	NR	NR	0.03	0.02	0.02	NR	0.03
21	NR	NR	0.03	0.02	NR	NR	0.03
22	NR	NR	0.03	0.02	0.03	NR	0.03
23	NR	NR	0.03	0.02	0.02	NR	0.03
24	NR	NR	0.04	0.02	NR	NR	0.04
25	NR	NR	0.04	0.02	0.02	NR	0.04
26	NR	NR	0.03	0.02	0.02	NR	0.03
27	NR	NR	0.03	0.02	0.02	NR	0.03
28	NR	NR	NR	0.02	0.02	NR	0.02
29	NR	NR	0.03	0.02	NR	NR	0.03
30	NR	NR	0.02	0.02	0.02	NR	0.02
31	NR	NR	0.03	0.02	NR	NR	0.03
				0.03			

Conventional or Direct Filtration

95% of the 4 hour turbidity readings ≤ 0.3 NTU? (Yes) / No

All the 4 hour turbidity readings ≤1 NTU? (Yes) / No

All turbidity readings < IFE [2] triggers? (Yes) / No[2]

Notes:

Monthly Summary (Answer Yes or No)

CT's met everyday? (see back) (Yes) / No

All Cl_2 residual at entry point ≥ 0.2 mg/l? (Yes) / No

PRINTED NAME: RAYMOND S. DOAN

SIGNATURE: [signature] DATE: 1/3/22

PHONE # : (541) 396-4614 CERT # : T-2651 FE

[1] 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. [2] IFE=Individual Filter Effluent (OAR 333-061-0040(1)(e)(B&C)

OHA - Drinking Water Program - Surface Water Quality Data Form

COQUILLE, CITY OF ID #: OR4100213 WTP-: WTP-A **Month/Year:** **Dec-21** Required Log Inactivation: 0.5

Date / Time	Residual At 1st 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 / 8:45	0.9	48	43	12.0	7.0	8	Yes	980
2 / 8:45	0.9	48	43	12.0	7.0	17	Yes	1000
3 / 8:30	1.0	48	48	12.0	7.0	17	Yes	985
4 / 9:45	0.8	48	38	13.0	7.1	16	Yes	1000
5 / 9:30	0.8	48	38	13.0	7.0	15	Yes	1000
6 / 8:45	0.8	48	38	12.0	7.0	17	Yes	1000
7 / 12:00	0.9	48	43	12.0	7.1	8	Yes	990
8 / 8:30	1.2	48	58	12.0	7.0	17	Yes	1000
9 / 9:00	1.0	48	48	12.0	7.0	17	Yes	1000
10 / 8:30	1.0	48	48	11.0	7.1	19	Yes	910
11 / 9:40	1.1	48	53	12.0	7.1	18	Yes	1000
12 / 9:05	1.0	48	48	12.0	7.1	18	Yes	960
13 / 8:55	1.0	48	48	11.0	7.0	18	Yes	920
14 / 8:35	1.1	48	53	10.5	7.0	19	Yes	925
15 / 8:45	1.1	48	53	12.0	7.1	18	Yes	920
16 / 8:55	1.0	48	48	11.0	7.2	19	Yes	905
17 / 8:40	1.0	48	48	12.0	7.1	18	Yes	920
18 / 9:00	0.8	48	38	12.0	7.0	17	Yes	910
19 / 9:40	1.0	48	48	13.0	7.1	16	Yes	905
20 / 8:30	1.0	48	48	12.0	7.0	17	Yes	910
21 / 11:30	1.0	48	48	11.0	7.0	18	Yes	905
22 / 8:50	0.9	48	43	11.0	7.0	18	Yes	910
23 / 9:45	1.2	48	58	11.0	7.1	19	Yes	910
24 / 10:50	1.0	48	48	11.0	7.1	19	Yes	915
25 / 9:40	1.3	48	62	11.0	7.2	20	Yes	910
26 / 9:45	1.3	48	62	11.0	7.1	19	Yes	910
27 / 8:40	1.5	48	72	10.0	7.0	20	Yes	920
28 / 8:30	1.6	48	77	10.0	7.0	21	Yes	930
29/ 8:30	1.9	48	91	10.0	7.0	16	Yes	925
30/ 8:50	1.7	48	82	9.0	7.1	23	Yes	915
31 10:00	1.3	48	62	10.0	7.1	21	Yes	900

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-21

Source of Water: 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 Gall X 1,000	Finished Water Fluoride MG/L	SP #2 PPM	SP #3 PPM	SP #4 PPM	SP #5 PPM	Remarks
1	Calculated	388	0.64	0.9	0.7	0.6	0.4	
2	" "	546	0.65	0.9	0.7	0.6	0.3	
3	" "	473	0.80	1.0	0.8	0.5	0.2	
4	" "	402	0.79	0.8	0.8	0.6	0.2	
5	" "	396	0.72	0.8	0.7	0.6	0.4	
6	" "	504	0.47	0.8	0.7	0.5	0.2	
7	" "	404	0.59	0.9	0.6	0.5	0.2	
8	" "	468	0.70	1.2	0.7	0.3	0.1	
9	" "	588	0.71	1.0	0.6	0.6	0.1	
10	" "	360	0.88	1.0	0.8	0.5	0.2	
11	" "	468	0.87	1.1	0.8	0.5	0.2	
12	" "	426	0.92	1.0	0.9	0.6	0.2	
13	" "	469	0.80	1.0	0.9	0.5	0.2	
14	" "	533	0.74	1.1	0.9	0.5	0.2	
15	" "	541	0.82	1.1	0.9	0.7	0.1	
16	" "	472	0.72	1.0	1.1	0.7	0.5	
17	" "	508	0.76	1.0	1.0	0.7	0.2	
18	" "	366	0.70	0.8	0.7	0.6	0.1	
19	" "	293	0.72	1.0	1.1	1.0	0.2	
20	" "	846	0.69	1.0	0.4	0.8	0.3	
21	" "	174	0.67	1.0	1.1	0.6	1.0	
22	" "	486	0.53	0.9	1.2	1.0	0.9	
23	" "	650	0.55	1.2	1.4	1.1	0.4	
24	" "	373	0.76	1.0	1.1	1.0	0.3	
25	" "	475	0.88	1.3	1.3	1.0	0.3	
26	" "	459	0.62	1.3	1.3	1.2	0.4	
27	" "	436	0.43	1.5	1.3	1.3	0.3	
28	" "	564	0.52	1.6	1.4	1.1	0.5	
29	" "	494	0.70	1.9	1.3	1.1	0.6	
30	" "	708	0.81	1.7	1.4	1.3	0.4	
31	" "	291	0.80	1.3	1.4	1.3	0.6	

City of Coquille Water Plant Report

44531

RAW WATER						PH		TURBIDITY		ISOPAC 806		FLOURIDE		SODA ASH						
Date	River MGD	Rink Creek MGD	Post Scale Reading	Post Feed Rate mL / Min	Salt Bags Used	RAW	Final	Raw Water		mL / Min	Machine Setting	Speed / Stroke	Bags Used	mL / Min	Machine Setting	Temperature °C	Settled Water Turbidity	0.88	Soda Ash Tank Inches	Highest Turbidity of the Day
1		0.388	50/55		0	6.7	7.0	1.6		40	SCM	41/41	0	53	51/45	11.0	0.20		15	0.02
2		0.546	50/55		1	6.7	7.0	2.1			SCM	41/41	0		51/45	11.0	0.20		13 3/4	0.04
3		0.473	50/55		1	6.8	7.0	2.0			SCM	41/41	0		51/45	12.0	0.30		19 1/2	0.02
4		0.402	50/55		1	6.8	7.1	1.9			SCM	41/41	0		51/45	12.0	0.40		18 1/2	0.03
5		0.396	50/55		1	6.8	7.0	1.9			SCM	41/41	0		51/45	12.0	0.30		17 1/2	0.02
6		0.504	50/55		1	6.8	7.0	2.1			SCM	41/41	1		51/45	12.0	0.80		16 3/4	0.03
7		0.404	50/55		1	6.7	7.1	1.5			SCM	41/41	0		51/45	11.0	0.90		15 1/2	0.02
8		0.468	50/55		0	6.8	7.0	1.6			SCM	41/41	0		51/45	11.0	0.50		14	0.02
9		0.588	50/55		1	6.8	7.0	1.5			SCM	41/41	0		51/45	12.0	0.10		12 3/4	0.02
10		0.360	50/55		1	6.8	7.1	2.1			SCM	41/41	0		51/45	11.0	0.10		11	0.02
11		0.468	50/55		0	6.8	7.1	2.2			SCM	41/41	0		51/45	11.0	0.10		16 1/2	0.04
12		0.426	50/55		1	6.8	7.1	1.9			SCM	41/41	0		51/45	11.0	0.20		14 1/2	0.02
13		0.469	50/55		1	6.8	7.0	1.8			SCM	41/41	0		51/45	11.0	0.20		12 1/2	0.04
14		0.533	50/55		0	6.8	7.0	1.6			SCM	41/41	0		51/45	11.0	0.50		10 1/2	0.03
15		0.541	50/55		1	6.8	7.1	2.4			SCM	41/41	0		51/45	11.0	0.60		16	0.02
16		0.472	50/55		1	6.9	7.2	2.3			SCM	41/41	0		51/45	11.0	0.60		14	0.03
17		0.508	50/55		1	6.9	7.1	2.1			SCM	41/41	0		51/45	11.0	0.80		29 1/2	0.03
18		0.366	50/55		0	6.9	7.0	2.9			SCM	41/41	0		51/45	11.0	1.00		28 1/2	0.03
19		0.293	50/55		1	6.8	7.1	4.5			SCM	41/41	0		51/45	11.0	0.90		28	0.02
20		0.846	50/55		1	6.8	7.0	4.7			SCM	41/41	0		51/45	12.0	0.80		27	0.03
21		0.174	50/55		1	6.8	7.0	6.1			SCM	41/41	0		51/45	11.0	0.80		24 1/2	0.03
22		0.486	50/55		1	6.8	7.0	1.8			SCM	41/41	1		51/45	11.0	0.70		23 1/2	0.03
23		0.650	50/55		1	6.9	7.1	1.9			SCM	41/41	0		51/45	11.0	0.80		21 3/4	0.03
24		0.373	50/55		1	6.9	7.1	1.3			SCM	41/41	0		51/45	10.0	0.40		19 1/2	0.04
25		0.475	50/55		0	6.9	7.2	2.0			SCM	41/41	0		51/45	11.0	0.20		18	0.04
26		0.459	50/55		1	6.9	7.1	2.1			SCM	41/41	0		51/45	10.0	0.30		16 1/2	0.03
27		0.436	50/55		1	6.7	7.0	3.3			SCM	41/41	1		51/45	9.0	0.30		14 3/4	0.03
28		0.564	50/55		1	6.7	7.0	3.6			SCM	41/41	0		51/45	10.0	0.40		13 1/4	0.02
29		0.494	50/55		1	6.9	7.0	4.3			SCM	41/41	0		51/45	9.0	0.50		18 3/4	0.03
30		0.708	50/55		0	6.8	7.1	5.5			SCM	41/41	0		51/45	9.0	0.60		17 3/4	0.02
31		0.291	50/55		1	6.8	7.1	1.6			SCM	41/41	0		51/45	9.0	0.80		21 1/2	0.03

Month / Year : Dec-21

City of Coquille Daily Chlorine and pH Report

	Chlorine				pH				Hours of Operation				CL17 Analyzer Reading	Alkalinity
Day	2	3	4	5	2	3	4	5	Reading	Plant Hrs	R.C.	River		
1	0.9	0.7	0.6	0.4	7.0	7.0	7.0	7.0	968.9	6.6	x		1.41	
2	0.9	0.7	0.6	0.3	7.0	7.1	7.0	7.0	975.5	9.1	x		1.34	
3	1.0	0.8	0.5	0.2	7.0	7.0	7.0	7.1	984.6	8.0	x		1.00	
4	0.8	0.8	0.6	0.2	7.1	7.0	7.0	7.0	992.6	6.7	x		1.15	
5	0.8	0.7	0.6	0.4	7.0	7.0	7.0	7.1	999.3	6.6	x		1.17	
6	0.8	0.7	0.5	0.2	7.0	7.0	7.0	7.1	5.9	8.4	x		0.98	20.0
7	0.9	0.6	0.5	0.2	7.1	7.0	7.0	7.1	14.3	6.8	x		1.30	
8	1.2	0.7	0.3	0.1	7.0	7.0	7.0	7.1	21.1	7.8	x		1.39	
9	1.0	0.6	0.6	0.1	7.0	7.1	7.0	7.1	28.9	9.8	x		1.18	
10	1.0	0.8	0.5	0.2	7.1	7.0	7.0	7.1	38.7	6.6	x		1.38	
11	1.1	0.8	0.5	0.2	7.1	7.0	7.0	7.1	45.3	8.1	x		1.26	
12	1.0	0.9	0.6	0.2	7.1	7.0	7.0	7.1	53.4	7.4	x		1.43	
13	1.0	0.9	0.5	0.2	7.0	7.0	7.0	7.0	60.8	8.5	x		1.48	20.0
14	1.1	0.9	0.5	0.2	7.0	7.0	7.0	7.1	69.3	9.6	x		1.40	
15	1.1	0.9	0.7	0.1	7.1	7.0	7.1	7.0	75.9	9.8	x		1.34	
16	1.0	1.1	0.7	0.5	7.2	7.1	7.0	7.0	88.7	8.7	x		1.46	
17	1.0	1.0	0.7	0.2	7.1	7.0	7.1	7.0	97.4	9.2	x		1.39	
18	0.8	0.7	0.6	0.1	7.0	7.0	7.0	7.0	106.6	6.7	x		1.59	
19	1.0	1.1	1.0	0.2	7.1	7.0	7.0	7.0	113.3	5.4	x		1.61	
20	1.0	0.4	0.8	0.3	7.0	7.0	7.1	7.0	118.7	15.5	x		1.21	30.0
21	1.0	1.1	0.6	1.0	7.0	7.0	7.0	7.0	134.2	3.2	x		1.81	
22	0.9	1.2	1.0	0.9	7.0	7.0	7.0	7.0	137.4	8.9	x		1.69	
23	1.2	1.4	1.1	0.4	7.1	7.1	7.1	7.0	146.3	11.9	x		1.77	
24	1.0	1.1	1.0	0.3	7.1	7.0	7.0	7.0	158.2	6.8	x		1.83	
25	1.3	1.3	1.0	0.3	7.2	7.1	7.1	7.1	165.0	8.7	x		1.82	
26	1.3	1.3	1.2	0.4	7.1	7.1	7.1	7.1	173.7	8.4	x		2.10	
27	1.5	1.3	1.3	0.3	7.0	7.1	7.0	7.0	182.1	7.9	x		1.81	20.0
28	1.6	1.4	1.1	0.5	7.0	7.0	7.0	7.0	190.0	10.1	x		1.06	
29	1.9	1.3	1.1	0.6	7.0	7.0	7.0	7.0	200.1	8.9	x		1.80	
30	1.7	1.4	1.3	0.4	7.1	7.0	7.0	7.0	209.0	12.9	x		1.80	
31	1.3	1.4	1.3	0.6	7.1	7.0	7.0	7.0	221.9	5.4	x		1.78	

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

258.4	
16.087	Million Gallons
n/a	Pounds
n/a	Pounds
n/a	Pounds
100	Pounds
2.936	Million Pounds

9.8