

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Dec/2024

System Name: Oregon Caves O&M ID#: 41 95706 WTP ID: TP-

Day	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the day ¹ [NTU]
1	40	20	20	10	0.043	N/A
2	40	20	20	10	0.041	
3	40	20	20	10	0.035	
4	40	19	21	10	0.036	
5	40	19	21	10	0.045	
6	40	17	23	10	0.051	
7	40	17	23	10	0.042	
8	40	22	18	10	0.038	
9	40	22	18	10	0.044	
10	40	22	18	10	0.037	
11	40	21	19	10	0.033	
12	44	26	18	10	0.042	
13	44	25	19	10	0.038	
14	45	15	30	10	0.044	
15	45	22	13	10	0.034	
16	45	20	25	10	0.034	
17	45	18	27	10	0.043	
18	45	20	25	10	0.044	
19	45	18	27	10	0.047	
20	45	18	27	10	0.052	
21	45	18	27	10	0.038	
22	45	17	28	10	0.031	
23	45	18	27	10	0.040	
24	45	14	31	10	0.043	
25	45	14	31	10	0.041	
26	45	14	31	10	0.049	
27	45	14	31	10	0.047	
28	45	20	25	10	0.031	
29	45	20	25	10	0.035	
30	45	19	26	10	0.034	
31	45	19	26	10	0.038	

Cartridge & Bag Filtration	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back) <input checked="" type="radio"/> Yes / <input type="radio"/> No	All Cl2 residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes / <input type="radio"/> No
All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / <input type="radio"/> No		

Notes: PSI = pounds per square inch
 PSID = pounds per square inch difference (before filter - after filter)
 PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter, at what PSID.

PRINTED NAME: David John
 SIGNATURE: [Signature] DATE: 01-08-2025
 PHONE #: 541 582-2100 x2256 CERT #: D-00045

¹ including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in Daily Turbidity Reading column may not correspond to continuous readings' maximum.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP-:

System Name: *Oregon Caves O&M* ID#: 41 *95706* Month/Year: *Dec/2024*

Disinfection *Giardia*
Log Inactiv: *1*

Date / Time	Minimum Cl ₂ Residual at 1st User (C) ²	Contact Time (T)	Actual CT	Temp [↓]	pH [↑]	Required CT	CT Met? ²	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	CXT	[°C]		formula	Yes / No	[GPM]
1	1.35	305	411.75	11	7.8	28	Y	6.03
2	1.37	305	399.55	11	7.8	28	Y	6.24
3	1.43	305	436.15	11	7.8	29	Y	5.20
4	1.44	305	439.20	11	7.8	29	Y	4.16
5	1.60	305	488.0	11	7.8	29	Y	3.74
6	1.59	305	484.45	11	7.8	29	Y	4.16
7	2.20	305	627.1	11	7.8	31	Y	4.57
8	2.00	305	610	11	7.8	30	Y	3.74
9	1.70	305	518.5	11	7.8	30	Y	4.16
10	1.21	305	369.05	11	7.8	28	Y	4.16
11	1.29	305	393.45	11	7.8	28	Y	6.24
12	2.15	305	655.75	11	7.8	31	Y	9.17
13	1.58	305	481.9	11	7.8	29	Y	9.79
14	1.23	305	375.15	11	7.8	28	Y	3.54
15	1.20	305	366	11	7.8	28	Y	5.00
16	1.20	305	366	11	7.8	28	Y	3.75
17	1.18	305	359.9	11	7.8	28	Y	3.96
18	1.27	305	387.35	11	7.8	28	Y	4.37
19	1.41	305	430.05	11	7.8	29	Y	4.79
20	1.31	305	399.55	11	7.8	28	Y	4.17
21	1.50	305	457.50	11	7.8	29	Y	3.54
22	1.54	305	469.70	11	7.8	29	Y	3.75
23	1.57	305	478.85	11	7.8	29	Y	4.37
24	1.56	305	475.80	11	7.8	29	Y	4.16
25	1.60	305	488.00	11	7.8	29	Y	4.79
26	1.64	305	500.20	11	7.8	30	Y	3.96
27	1.59	305	484.95	11	7.8	29	Y	0
28	1.72	305	524.6	11	7.8	30	Y	7.71
29	1.70	305	518.5	11	7.8	30	Y	3.96
30	1.74	305	530.70	11	7.8	30	Y	4.17
31	1.75	305	533.75	11	7.8	30	Y	4.37

² If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Return by 10th of following month by email, fax, or mail to:

dwp.dnce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350

Revised July 2018

Month Dec Year 2024

Test location codes: 1. Concrete Tank 2. HQ Bldg 3. Maint shop
4. Yellow house 5. Upper Duplex 6. Lower Duplex

NPS Oregon Caves NM O/M
PWS ID: OR4195706

~~307,500 gal used~~ 70,000 gal used

Day	Initials	Chlorine Residual		Time	Test Location	B Tank Chlorine Added	Chlorine		Meter Reading	GAL Used	Turbidity		REMARKS
		4	SYS				Set.	Res.			RAW	Finished	
1	SB	1.55	1	1430	3	-	5.0	1.35	9331000	2400	0.310	0.043	
2	SB	1.31	1	1100	3	-	5.0	1.31	9334000	3000	0.351	0.041	
3	SB	1.43	1	1200	3	-	5.0	1.43	9336500	2500	6.421	0.035	
4	SB	1.44	1	1330	3	-	5.0	1.44	9338500	2000	17.290	0.036	
5	SB	1.60	1	1315	3	-	5.0	1.60	9340300	1800	0.220	0.045	
6	SB	1.59	1	0920	3	+1 gal SA	5.0	1.59	9348300	2000	0.226	0.051	
7	SB	2.2	1	1000	3	-	4.0	2.2	9344500	2200	0.150	0.062	CIP 5.0 → 4.0
8	SB	2.0	1	0430	3	-	4.0	2.0	9346300	1800	0.093	0.038	Changed 1,2,3,4
9	SB	1.70	1	0630	3	-	4.0	1.70	9348300	2000	0.198	0.094	
10	SB	1.21	1	0900	3	-	5.0	1.21	9350300	2000	0.226	0.037	CIP 4.0 → 5.0
11	SB	1.23	1	0900	3	-	5.0	1.23	9353300	3000	0.212	0.033	the CIP 5.0 → 6.0
12	SB	2.15	1	1200	3	-	3.5	3.15	9357700	4400	0.163	0.042	CIP 6.0 → 3.5, add pressure reducer → 4 psi
13	SB	1.58	1	1430	3	-	3.5	1.58	9362600	4900	0.152	0.038	CIP 3.0 → 3.5
14	SB	1.23	1	0900	3	-	4.5	1.23	9364300	1700	0.201	0.049	CIP 3.5 → 4.5 (unused #3)
15	SB	1.20	1	1100	3	-	4.5	1.20	9366700	2000	0.201	0.039	
16	SB	1.90	1	1000	3	-	4.5	1.20	9368500	1800	0.178	0.034	
17	SB	1.18	1	1100	3	-	5.5	1.18	9370400	1600	0.544	0.043	CIP 4.5 → 5.5
18	SB	1.27	1	0900	3	-	5.5	1.27	9372500	2100	0.350	0.044	
19	SB	1.41	1	1200	3	-	4.5	1.41	9374800	2300	0.321	0.047	CIP 5.5 → 4.5
20	SB	1.31	1	0900	3	-	4.5	1.31	9376800	2000	0.288	0.052	
21	SB	1.50	1	1330	3	-	4.5	1.50	9378500	1700	0.217	0.038	
22	SB	1.54	1	1200	3	-	4.5	1.54	9380300	1800	0.160	0.039	
23	SB	1.57	1	1130	3	-	4.5	1.57	9382400	2100	0.201	0.060	
24	SB	1.56	1	0900	3	+1 gal	4.5	1.56	9384400	2000	0.330	0.043	CIP 4.5 → 5.0 (unused #1,2)
25	SB	1.00	1	1030	3	-	4.5	1.00	9386200	2300	0.178	0.041	
26	SB	1.64	1	1200	3	-	4.5	1.64	9388000	1900	0.433	0.049	Power out, plant off
27	SB	1.59	1	1430	3	-	4.5	1.59	9388000	0	0.401	0.047	Power on, plant on, (unused #4)
28	SB	1.72	1	1400	3	-	3.75	1.72	9342300	3700	0.377	0.031	CIP → 3.75
29	SB	1.70	1	1200	3	-	3.75	1.70	9342200	1900	0.309	0.036	
30	SB	1.74	1	1130	3	-	3.75	1.74	9346200	2000	0.165	0.034	
31	SB	1.75	1	1200	3	-	3.50	1.75	9348300	2100	0.189	0.038	CIP → 3.50