

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Sept 2024

System Name: Oregon Caves NPM O&M ID#: 41 95 706 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	0.046	N/A
2	40	20	20	10	0.041	
3	40	20	20	10	0.034	
4	40	20	20	10	0.033	
5	40	20	20	10	0.035	
6	40	20	20	10	0.039	
7	40	20	20	10	0.038	
8	40	20	20	10	0.043	
9	40	20	20	10	0.044	
10	40	20	20	10	0.035	
11	40	20	20	10	—	
12	40	20	20	10	0.037	
13	40	20	20	10	0.035	
14	40	20	20	10	0.032	
15	40	20	20	10	0.035	
16	40	20	20	10	0.041	
17	40	20	20	10	0.038	
18	40	20	20	10	0.037	
19	40	20	20	10	0.031	
20	40	20	20	10	0.035	
21	40	20	20	10	0.034	
22	40	20	20	10	0.034	
23	40	18	22	10	0.047	
24	40	21	19	10	0.052	
25	40	20	20	10	0.042	
26	40	20	20	10	0.065	
27	40	20	20	10	0.058	
28	40	20	20	10	0.066	
29	40	20	20	10	0.051	
30	40	19	21	10	0.049	
31						

Cartridge & Bag Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU?	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
Notes: PSI = pounds per square inch		PRINTED NAME: <u>David John</u>	
PSID = pounds per square inch difference (before filter - after filter)		SIGNATURE: <u>[Signature]</u>	DATE: <u>10.08.24</u>
PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter, at what PSID.		PHONE #: <u>(541) 542-2100 x2256</u>	CERT #: <u>D0445</u>

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 NM O&M ID#: 4195706

Month/Year: Sept 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]	C X T	[°C]		formula	Yes / No	[GPM]
1	1.67	305	509.35	12	7.8	30	Yes	4.16
2	1.62	305	494.10	12	7.8	30	Yes	5.41
3	1.61	305	491.05	12	7.8	30	Yes	5.21
4	1.33	305	405.65	12	7.8	28	Yes	4.79
5	1.30	305	396.50	12	7.8	28	Yes	4.16
6	1.28	305	390.40	12	7.8	28	Yes	5.83
7	1.26	305	389.30	12	7.8	28	Yes	5.62
8	1.22	305	372.10	12	7.8	28	Yes	4.79
9	1.20	305	366.00	12	7.8	28	Yes	4.37
10	1.17	305	356.85	12	7.8	28	Yes	4.58
11	1.09	305	332.45	12	7.8	28	Yes	5.41
12	1.20	305	366.00	12	7.8	28	Yes	0
13	1.20	305	366.00	12	7.8	28	Yes	6.46
14	1.18	305	359.90	12	7.8	28	Yes	9.79
15	1.22	305	372.10	12	7.8	28	Yes	5.41
16	1.28	305	390.40	12	7.8	28	Yes	6.25
17	1.49	305	454.45	12	7.8	29	Yes	3.96
18	1.46	305	445.30	12	7.8	29	Yes	4.79
19	1.51	305	460.55	12	7.8	29	Yes	4.16
20	1.65	305	503.25	12	7.8	30	Yes	5.62
21	1.64	305	500.20	12	7.8	30	Yes	5.41
22	1.61	305	491.05	12	7.8	30	Yes	5.00
23	1.65	305	503.25	12	7.8	30	Yes	5.00
24	1.67	305	509.35	12	7.8	30	Yes	4.79
25	1.55	305	472.75	12	7.8	30	Yes	4.58
26	1.43	305	436.15	12	7.8	30	Yes	5.62
27	1.50	305	457.5	12	7.8	30	Yes	4.58
28	1.49	305	454.45	12	7.8	30	Yes	5.21
29	1.21	305	369.05	12	7.8	28	Yes	5.00
30	1.11	305	338.55	12	7.8	28	Yes	3.96
31		305						

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

Revised July 2018

Month Sept 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

Gallons used
70,000

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	1.67	1	0920	3	-	5.00	1.67	908400	2000	0.081	0.046	CIP 6.00 → 5.00
2	SB	1.62	1	1000	3	-	5.00	1.62	9087500	2600	0.078	0.041	
3	SB	1.61	1	1100	3	-	5.00	1.61	9090000	2500	0.101	0.034	Changed #1
4	SB	1.33	1	0745	3	-	5.00	1.33	9092300	2300	0.109	0.033	
5	SB	1.30	1	0900	3	-	5.00	1.30	9094300	2000	0.093	0.035	
6	SB	1.28	1	1330	3	-	5.00	1.28	9099800	2800	0.079	0.039	
7	SB	1.25	1	1230	3	-	5.00	1.25	9102100	2700	0.077	0.038	CIP 5.0 → 4.5
8	SB	1.22	1	1100	3	-	4.5	1.22	9104200	2300	0.082	0.043	
9	SB	1.20	1	1100	3	-	4.5	1.20	9106400	2100	0.099	0.044	
10	SB	1.17	1	0730	3	-	4.5	1.17	9108000	2200	0.092	0.035	
11	SB	1.09	1	1100	3	-	5.5	1.09	9109000	2600			CIP 4.5 → 5.5, water leak @ filter 3 water shut off
12	SB	1.20	1	1215	3	-	5.5	1.20	9109000	0	0.150	0.037	Changed # 1, 2, 3, 4, water back on
13	SB	1.20	1	0730	3	-	5.5	1.20	9112100	3100	0.197	0.035	
14	SB	1.18	1	1230	3	-	6.5	1.18	9116800	4700	0.130	0.032	CIP 5.5 → 6.5,
15	SB	1.22	1	0800	3	-	6.5	1.22	9119600	2500	0.093	0.035	
16	SB	1.28	1	0730	3	-	6.5	1.28	9122600	3000	0.071	0.041	
17	SB	1.44	1	0815	3	-	6.5	1.44	9126300	1900	0.077	0.038	
18	SB	1.46	1	0800	3	-	6.5	1.46	9126600	2300	0.083	0.037	
19	SB	1.51	1	1000	3	-	6.5	1.51	9128600	2000	0.091	0.031	
20	SB	1.65	1	0930	3	-	6.0	1.65	9131300	2700	0.089	0.035	CIP 6.5 → 6.0,
21	SB	1.64	1	1000	3	-	6.0	1.64	9133900	2600	0.082	0.034	
22	SB	1.61	1	1200	3	-	6.0	1.61	9136300	2900	0.103	0.039	
23	SB	1.65	1	1200	3	-	6.0	1.65	9138700	2400	0.085	0.047	
24	SB	1.67	1	1000	3	-	5.5	1.67	9141000	2300	0.080	0.052	CIP 6.0 → 5.5, Changed #1
25	SB	1.55	1	0900	3	-	5.5	1.55	9143200	2200	0.093	0.042	
26	SB	1.43	1	1030	3	-	5.5	1.43	9145900	2700	1.047	0.065	
27	SB	1.50	1	0740	3	-	5.5	1.50	9148100	2200	0.088	0.058	
28	SB	1.49	1	1030	3	-	5.5	1.49	9150600	2500	0.094	0.066	
29	SB	1.21	1	1100	3	-	5.5	1.21	9153000	2400	0.077	0.051	
30	SB	1.11	1	1000	3	-	5.5	1.11	9154900	1400	0.069	0.044	
31					3								