

OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Josephine Cartridge or Bag Filtration

System Name: NPS OREGON CAVES NATL MON ID #: OR4191998 WTP: WTP-A Month/Year: March / 2025

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	45	30	15	25	0.432	0.532
2	45	30	15	25	0.430	0.530
3	45	30	15	25	0.436	0.442
4	45	30	15	25	0.454	0.569
5	45	30	15	25	0.445	0.449
6	45	32	13	25	0.421	0.446
7	45	32	13	25	0.415	0.425
8	45	30	15	25	0.380	0.402
9	45	31	14	25	0.410	0.436
10	45	30	15	25	0.390	0.442
11	45	32	13	25	0.325	0.375
12	45	32	13	25	0.310	0.352
13	45	30	15	25	0.257	0.261
14	45	30	15	25	0.140	0.152
15	45	30	15	25	0.093	0.102
16	45	30	15	25	0.064	0.072
17	45	32	13	25	0.065	0.073
18	45	30	15	25	0.067	0.075
19	45	30	15	25	0.063	0.086
20	45	32	13	25	0.067	0.071
21	45	30	15	25	0.064	0.081
22	45	32	13	25	0.073	0.088
23	45	30	15	25	0.123	0.087
24	45	30	15	25	0.053	0.093
25	45	30	15	25	0.044	0.082
26	45	30	15	25	0.061	0.181
27	45	32	13	25	0.063	0.203
28	45	32	13	25	0.070	0.241
29	45	32	13	25	0.098	0.239
30	45	32	13	25	0.081	0.197
31	45	32	13	25	0.068	0.186

Cartridge Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings $\leq$ 1 NTU? Yes / No All daily turbidity readings $\leq$ 5 NTU? Yes / No	CT's met everyday? (see back) Yes / No	All Cl ₂ residual at entry point $\geq$ 0.2 mg/l? Yes / No	
Notes: PSI = pounds per square inch PSID = pounds per square inch difference (before filter - after filter) PSID When to Change Filter = Manufacturer's recommendation; may need to look in manual for manufacturer's specifications when to change the filter, at what PSID.		PRINTED NAME: David John SIGNATURE: <i>David John</i> DATE: 04.09.25 PHONE #: (541) 1592200 82256 CERT #: D-09445	

Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in "Daily Turbidity Reading" Column may not correspond to continuous readings' maximum.

OHA - Drinking Water Program - Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP-: WTP-A Month/Year: March/2025

Date / Time	Minimum Cl ₂ Residual at 1 st 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]		Use tables	Yes / No	[GPM]
1 1100	1.78	43	76.54	11	7.8	29	Yes	13.75
2 1330	1.76	43	75.68	11	7.8	29	Yes	7.08
3 1800	1.78	43	76.54	11	7.8	29	Yes	8.33
4 1930	1.75	43	75.25	11	7.8	29	Yes	8.54
5 1900	1.76	43	75.68	11	7.8	29	Yes	7.91
6 1800	1.73	43	74.39	11	7.8	29	Yes	8.75
7 10930	1.70	43	73.1	11	7.8	29	Yes	7.91
8 1100	1.63	43	70.09	11	7.8	29	Yes	7.50
9 1530	1.62	43	69.66	11	7.8	29	Yes	8.12
10 1500	1.65	43	70.95	11	7.8	29	Yes	8.33
11 10300	1.67	43	71.81	11	7.8	29	Yes	8.12
12 1030	1.70	43	73.10	11	7.8	29	Yes	7.91
13 1000	1.65	43	70.95	11	7.8	29	Yes	7.91
14 1100	1.70	43	73.10	11	7.8	29	Yes	8.12
15 0930	1.79	43	76.97	11	7.8	29	Yes	7.91
16 10900	1.82	43	78.26	11	7.8	30	Yes	7.91
17 10900	1.80	43	77.4	11	7.8	30	Yes	8.12
18 1100	1.76	43	75.68	11	7.8	29	Yes	7.91
19 1120	1.73	43	74.39	11	7.8	29	Yes	8.33
20 1120	1.65	43	70.95	11	7.8	29	Yes	8.33
21 10900	1.78	43	76.54	11	7.8	29	Yes	8.33
22 10900	1.62	43	69.66	11	7.8	29	Yes	9.69
23 10900	1.61	43	69.23	11	7.8	29	Yes	9.79
24 1100	1.58	43	67.94	11	7.8	28	Yes	10.0
25 /	1.90	43	81.7	11	7.8	36	Y	6.87
26 /	1.81	43	77.83	11	7.8	30	Y	7.50
27 /	1.73	43	74.39	11	7.8	30	Y	7.30
28 /	1.69	43	72.67	11	7.8	30	Y	7.71
29 /	1.58	43	67.94	11	7.8	29	Y	6.46
30 /	1.60	43	68.8	11	7.8	29	Y	6.85
31 /	1.60	43	68.8	11	7.8	29	Y	6.25

² If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.

Download form at: www.public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-cartridge.pdf

SOURCE NAME: LAKE CREEK

MONTH MARCH YEAR 2025

TEST LOCATION CODES:

1 - INFORMATION BOOTH

2 - Chateau

3 - WATER FOUNTAIN

4 - V.C.

5 - CHATEAU

6 - GUIDE HOUSE

ADDRESS: OREGON CAVES NATIONAL MONUMENT

19000 CAVES HIGHWAY

CAVE JUNCTION, OREGON 97523

1-541-592-2100

PSW ID#: 419 1998

54149700

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	DmJ	1.78	2	1000	2	—	6.0	1.78	54156300	6600	0.860	0.432	—
2	DmJ	1.76	2	0830	2	—	6.0	1.76	54159700	3400	0.865	0.420	—
3	DmJ	1.78	2	0800	2	—	6.0	1.78	54163700	4000	0.871	0.436	—
4	DmJ	1.75	2	0930	2	1 gallon	6.0	1.75	54168800	4100	0.875	0.459	Changed #2 Bricked 1 gallon
5	DmJ	1.76	2	0900	2	—	6.0	1.76	54171600	3800	0.862	0.445	Changed #4
6	DmJ	1.73	2	0800	2	—	6.0	1.73	54175800	4200	0.840	0.431	—
7	DmJ	1.70	2	0930	2	—	6.0	1.70	54179600	3900	0.810	0.415	—
8	DmJ	1.63	2	1000	2	—	6.0	1.63	54183200	3600	0.765	0.380	—
9	DmJ	1.62	2	0830	2	—	6.0	1.62	54187100	3900	0.781	0.410	Changed #2
10	DmJ	1.65	2	0800	2	—	6.0	1.65	54191100	4000	0.765	0.390	—
11	DmJ	1.67	2	0900	2	—	6.0	1.67	54195000	3900	0.646	0.325	—
12	DmJ	1.70	2	0930	2	2 gal.	6.0	1.70	54198800	3800	0.635	0.310	Bricked 756L
13	DmJ	1.65	2	1300	2	—	6.0	1.65	54202600	3800	0.510	0.257	—
14	DmJ	1.70	2	1100	2	—	6.0	1.70	54206500	3900	0.235	0.140	—
15	DmJ	1.79	2	0930	2	—	6.0	1.79	54210300	3800	0.186	0.093	—
16	DmJ	1.82	2	0900	2	—	6.0	1.82	54214100	3800	0.128	0.064	Changed #3.4
17	DmJ	1.80	2	0800	2	—	6.0	1.80	54218000	3900	0.129	0.065	—
18	DmJ	1.76	2	1000	2	—	6.0	1.76	54221800	3800	0.130	0.061	—
19	DmJ	1.73	2	1200	2	—	6.0	1.73	54225500	3700	0.125	0.063	—
20	DmJ	1.78	2	0900	2	—	6.0	1.75	54229300	4000	0.130	0.067	—
21	DmJ	1.78	2	0900	2	—	6.0	1.78	54233100	4100	0.187	0.064	—
22	DmJ	1.62	2	0800	2	—	6.0	1.62	54236900	4600	0.165	0.073	—
23	DmJ	1.61	2	0800	2	—	6.0	1.61	54240700	4700	0.289	0.123	—
24	DmJ	1.58	2	1100	2	—	6.0	1.58	54244500	4800	0.331	0.052	—
25	SL	1.90	2	1600	2	—	6.0	1.90	54248300	3300	0.401	0.049	—
26	SL	1.81	2	0900	2	4.2 gal 1:1	6.0	1.81	54252100	3600	0.410	0.061	Changed #1
27	SL	1.73	2	0900	2	—	6.0	1.73	54255900	3500	0.391	0.063	—
28	SL	1.69	2	1200	2	—	6.0	1.69	54259700	3700	0.370	0.070	—
29	SL	1.58	2	1030	2	—	6.0	1.58	54263500	3100	0.707	0.098	—
30	SL	1.60	2	0900	2	—	6.0	1.60	54267300	3300	0.300	0.081	—
31	SL	1.60	2	0945	2	—	6.0	1.60	54271100	3000	0.288	0.068	—

Total:
114,900 gal