

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: August 2025

DAY	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the Day [NTU]
1	45	26	19	10	0.042	0.131
2	45	26	19	10	0.046	0.140
3	45	26	19	10	0.036	0.117
4	45	25	20	10	0.037	0.108
5	45	25	20	10	0.045	0.158
6	45	25	20	10	0.036	0.169
7	45	25	20	10	0.039	0.130
8	45	28	17	10	0.035	0.078
9	45	28	17	10	0.045	0.142
10	45	27	18	10	0.048	0.099
11	45	26	19	10	0.034	0.0120
12	45	26	19	10	0.021	0.034
13	45	26	19	10	0.034	0.120
14	45	26	19	10	0.045	0.159
15	45	26	19	10	0.046	0.131
16	45	26	19	10	0.039	0.124
17	45	26	19	10	0.047	0.129
18	45	24	21	10	0.042	0.118
19	45	24	21	10	0.037	0.117
20	45	23	22	10	0.043	0.091
21	44	22	22	10	0.030	0.064
22	44	29	15	10	0.031	0.073
23	45	27	18	10	0.035	0.082
24	45	27	18	10	0.038	0.076
25	45	26	19	10	0.041	0.066
26	45	24	16	10	0.032	0.067
27	45	24	16	10	0.039	0.089
28	45	27	18	10	0.038	0.071
29	45	27	18	10	0.045	0.093
30	45	30	15	10	0.035	0.080
31	45	30	15	10	0.042	0.101

Cartridge Filtration

95% of daily turbidity readings $\leq$ 1 NTU? ☒ Yes / No
All daily turbidity readings $\leq$ 5 NTU? ☒ 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.

Monthly Summary (Answer Yes or No)

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

All Cl₂ residual at entry point $\geq$ 0.2 mg/l?
☒ Yes / No

PRINTED NAME: David John

SIGNATURE: David John

DATE: 9.10.25

PHONE #: (541) 1592-2100

CERT #:

D-09445

Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in "Daily Turbidity"

OHA - Drinking Water Program - Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP: WTP-A Month/Year: August / 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 Hour Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use tables	Yes / No	[GPM]
11	1.86	28	52	20	8.0	30	Yes	5.21
21	1.87		52	20	8.0	30	Yes	5.63
31	1.87		52	20	8.0	30	Y	5.00
41	1.89		53	20	8.0	30	Y	5.63
51	1.84		52	20	8.0	30	Y	5.84
61	1.87		52	20	8.0	30	Y	6.25
71	1.86		52	20	8.0	30	Y	5.42
81	1.78		50	20	8.0	30	Y	5.83
91	1.77		50	20	8.0	30	Y	5.00
101	1.74		49	20	8.0	30	Y	4.58
111	1.73		49	20	8.0	30	Y	3.96
121	1.64		45	20	8.0	30	Y	4.79
131	1.57		44	20	8.0	24	Y	6.25
141	1.52		43	20	8.0	29	Y	8.34
151	1.53		43	20	8.0	29	Y	5.00
161	1.58		44	20	8.0	24	Y	5.63
171	1.58		44	20	8.0	24	Y	5.42
181	1.57		44	20	8.0	29	Y	5.84
191	1.56		44	20	8.0	29	Y	4.37
201	1.59		45	20	8.0	24	Y	6.67
211	1.60		46	20	8.0	24	Y	7.29
221	1.63		46	20	8.0	30	Y	2.50
231	1.61		45	20	8.0	30	Y	5.41
241	1.79		50	20	8.0	30	Y	4.79
251	1.84		51.52	20	8.0	30	Y	5.00
261	1.90		53	20	8.0	30	Y	5.41
271	2.02		57	20	8.0	31	Y	14.59
281	2.11		59	20	8.0	31	Y	7.089
291	2.13		60	20	8.0	31	Y	2.117
301	2.22		62	20	8.0	32	Y	6.04
311	2.27		63.56	20	8.0	32	Y	6.66

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 August YEAR 2025
 TEST LOCATION CODES:
 1- INFORMATION BOOTH
 2- Chateau
 3- WATER FOUNTAIN
 4- V.C.
 5- CHATEAU
 6- GUIDE HOUSE

162412
88,100 gal

ADDRESS: OREGON CAVES NATIONAL MONUMENT
 19000 CAVES HIGHWAY
 CAVE JUNCTION, OREGON 97523
 1-541-592-2100

PSW ID#: 419 1998

DAY	INITIALS	CHLORINE		TIME	TEST LOCATION	B TANK CHLORINE ADDED	CHLORINE		METER READING	GAL USED	TURBIDITY		REMARKS
		RESIDUAL	SYS				Set	Res.			RAW	FINISHED	
1	83	1.86	2	0730	2	—	4.0	1.86	49624400	2500	0.144	0.042	—
2	83	1.87	2	0800	2	—	4.0	1.87	54632600	2700	0.205	0.046	—
3	83	1.87	2	0900	2	—	4.0	1.87	54635000	2400	0.211	0.036	—
4	83	1.84	2	1200	2	—	3.5	1.84	54633700	2700	0.178	0.037	CI 4.0 → 3.5
5	83	1.84	2	1100	2	—	3.5	1.84	54640500	2800	0.162	0.045	—
6	83	1.87	2	1000	2	—	3.5	1.87	54635000	3000	0.144	0.036	—
7	83	1.86	2	1000	2	—	3.5	1.86	54646100	2600	0.140	0.034	—
8	83	1.78	2	0745	2	—	3.5	1.78	54649700	2800	0.139	0.035	—
9	83	1.77	2	0930	2	—	3.5	1.77	54651800	2400	0.142	0.045	—
10	83	1.74	2	1015	2	—	3.5	1.74	54653500	2200	0.156	0.048	—
11	83	1.73	2	0930	2	—	3.5	1.73	54655400	1900	0.134	0.039	—
12	83	1.64	2	0730	2	410 gal 1.1	4.0	1.64	54657000	2300	0.181	0.027	CI 3.5 → 4.0
13	83	1.57	2	0930	2	—	4.0	1.57	54660700	3000	0.174	0.034	—
14	83	1.52	2	0820	2	1 gal 0.9 gal	5.0	1.52	54668100	4200	0.230	0.045	CI 4.0 → 5.0, Changed #3
15	83	1.53	2	0900	2	—	5.0	1.53	54672500	2400	0.147	0.046	—
16	83	1.58	2	1100	2	—	5.0	1.58	54673400	2700	0.151	0.034	—
17	83	1.58	2	1130	2	—	5.0	1.58	54675800	2600	0.142	0.047	—
18	83	1.57	2	0845	2	—	5.0	1.57	54678600	2800	0.185	0.042	—
19	83	1.56	2	0900	2	—	5.0	1.56	54680700	2100	0.180	0.037	—
20	83	1.59	2	1300	2	—	5.0	1.59	54683400	3200	0.163	0.043	—
21	83	1.60	2	0900	2	—	5.5	1.60	54687400	5500	0.231	0.030	CI 5.0 → 5.5, +1 gal CI
22	83	1.63	2	0845	2	410 gal 1.2 gal	6.0	1.63	54688200	1200	0.165	0.031	CI 5.5 → 6.0, +2 gal CI
23	83	1.61	2	0900	2	—	6.0	1.61	54691800	2200	0.128	0.035	—
24	83	1.74	2	1000	2	—	6.0	1.74	54693500	2300	0.144	0.038	—
25	83	1.84	2	0930	2	—	6.0	1.84	54695400	2400	0.154	0.041	—
26	83	1.90	2	0920	2	—	5.0	1.90	54698500	2600	0.140	0.032	—
27	83	2.02	2	1000	2	—	6.0	2.02	54703500	7000	0.103	0.034	Contractor Filling water trailers
28	83	2.11	2	1200	2	—	6.0	2.11	54708900	3400	0.141	0.038	—
29	83	2.13	2	0945	2	—	6.0	2.13	54711400	3000	0.117	0.045	—
30	83	2.22	2	1100	2	—	6.0	2.22	54714000	2400	0.128	0.035	—
31	83	2.27	2	1015	2	—	6.0	2.27	54718000	3300	0.157	0.042	—

Changed #4