

Missing Water: Water line Broken at intake. Repairs Completed 12/04/24
 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: Nov/2024

DAY	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the Day [NTU]
1	41	28	13	10	0.069	0.133
2	42	30	12	10	0.138	0.161
3	42	30	12	10	0.070	0.147
4	41	30	11	10	0.056	0.149
5	42	30	12	10	0.050	0.135
6	42	28	14	10	0.061	0.138
7	43	28	15	10	0.063	0.131
8	43	27	16	10	0.042	0.127
9	45	31	14	10	0.033	0.122
10	43	31	12	10	0.046	0.126
11	42	30	12	10	0.046	0.131
12	42	28	14	10	0.042	0.135
13	42	27	15	10	0.038	0.128
14	43	32	11	10	0.031	0.124
15	42	30	12	10	0.035	0.139
16	42	29	13	10	0.038	0.135
17	41	31	10	10	0.040	0.154
18	41	31	10	10	0.059	0.140
19	42	30	12	10	0.055	0.163
20	—	—	—	—	—	—
21	—	—	—	—	—	—
22	—	—	—	—	—	—
23	—	—	—	—	—	—
24	—	—	—	—	—	—
25	—	—	—	—	—	—
26	—	—	—	—	—	—
27	—	—	—	—	—	—
28	—	—	—	—	—	—
29	—	—	—	—	—	—
30	—	—	—	—	—	—
31	—	—	—	—	—	—

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: 11.05.2024

PHONE #: 1541 1592 2100

EX2256

CERT #: D-09445

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

Missing Data: Water line broken at intake, Repairs Completed 12/04/24

OHA - Drinking Water Program -- Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP: WTP-A Month/Year: Nov/2024

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]
1 /	1.15	43	49.45	12	7.8	27	Y	14.97
2 /	1.18	43	50.74	12	7.8	27	Y	13.93
3 /	1.21	43	52.03	12	7.8	28	Y	8.32
4 /	1.23	43	52.89	12	7.8	28	Y	32.65
5 /	1.35	43	57.62	12	7.8	28	Y	19.97
6 /	1.45	43	62.35	12	7.8	28	Y	18.51
7 /	1.71	43	73.53	12	7.8	29	Y	16.01
8 /	1.80	43	77.40	12	7.8	30	Y	14.14
9 /	2.03	43	87.29	12	7.8	36	Y	15.60
10 /	2.00	43	86.00	12	7.8	30	Y	16.84
11 /	2.02	43	86.85	12	7.8	30	Y	18.30
12 /	1.74	43	76.97	12	7.8	29	Y	14.14
13 /	1.64	43	70.52	12	7.8	29	Y	15.18
14 /	1.55	43	66.65	12	7.8	28	Y	14.35
15 /	2.26	43	97.18	12	7.8	31	Y	27.29
16 /	2.29	43	98.47	12	7.8	31	Y	0
17 /	1.83	43	78.69	12	7.8	30	Y	34.73
18 /	1.42	43	61.06	12	7.8	28	Y	8.11
19 /	1.24	43	53.32	12	7.8	28	Y	23.42
20 /	1.30	43	55.90	12	7.8	28	Y	15.39
21 /	1.27	43	54.61	—	—	—	—	—
22 /	1.26	43	54.18	—	—	—	—	—
23 /	1.23	43	52.89	—	—	—	—	—
24 /	1.18	43	50.74	—	—	—	—	—
25 /	1.17	43	50.31	—	—	—	—	—
26 /	1.17	43	50.31	—	—	—	—	—
27 /	—	—	—	—	—	—	—	—
28 /	—	—	—	—	—	—	—	—
29 /	—	—	—	—	—	—	—	—
30 /	—	—	—	—	—	—	—	—
31 /	—	—	—	—	—	—	—	—

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: November YEAR: 2024
 TEST LOCATION CODES:
 1- Emb. Booth
 2- Outlet
 3- Water Fountain
 4- OLVC
 5- Chauffeur
 6- Guide house

Gal Used: 157,400
 1-541-592-2100
 CAVE JUNCTION, OREGON 97523
 PSW-10# 419 1998

ADDRESS: OREGON CAVES NATIONAL MONUMENT
 19000 CAVES HIGHWAY
 CAVE JUNCTION, OREGON 97523

DAY	INITIALS	CHLORINE		TIME	TEST LOCATION	B TANK CHLORINE ADDED	CHLORINE		METER READING	GAL USED	TURBIDITY		REMARKS
		RESIDUAL	4 SYS				Set	Res.			RAW	FINISHED	
1	803	1.15	2	1:30	2	—	4.5	1.15	53434000	7200	0.208	0.064	Changed #3, 4
2	803	1.18	2	0940	2	—	4.5	1.18	53440700	6700	0.328	0.134	Changed #1, 2
3	803	1.21	2	1040	2	—	10	1.21	53444200	4000	0.311	0.070	Changed #1, 2
4	803	1.23	2	1700	2	—	8.5	1.23	53460400	15700	0.289	0.056	10 → 8.5
5	803	1.34	2	1900	2	—	8.5	1.34	53470000	4600	0.268	0.050	Cloud #3, 4
6	803	1.45	2	1300	2	—	8.5	1.45	53478000	8900	0.277	0.061	—
7	803	1.71	2	0900	2	—	8.5	1.71	53486000	7700	0.278	0.063	—
8	803	1.80	2	1030	2	—	8.0	1.80	53493400	6800	0.303	0.042	Cloud #1, 2
9	803	2.03	2	1100	2	—	7.0	2.03	53500400	7500	0.161	0.053	Cloud #1, 2
10	803	2.00	2	1400	2	—	7.0	2.00	53509000	8100	0.188	0.040	Cloud #1, 2
11	803	2.02	2	1700	2	—	5.5	2.02	53517800	8800	0.178	0.046	7.0 → 5.5
12	803	1.74	2	0800	2	—	5.5	1.74	53525000	6800	0.210	0.048	—
13	803	1.64	2	0930	2	—	5.5	1.64	53531900	7300	0.179	0.038	—
14	803	1.55	2	0840	2	—	4.5	1.55	53538000	6500	0.162	0.031	5.5 → 4.5
15	803	2.26	2	1620	2	—	4.5	2.26	53544000	13000	0.511	0.035	Turned plant off to check (on)
16	803	2.24	2	1000	2	—	4.5	2.24	53551000	0	0.570	0.038	Cloud #1, 2
17	803	1.83	2	1130	2	—	4.0	1.83	53568000	16700	0.519	0.040	Cloud #1, 2
18	803	1.42	2	1330	2	—	4.0	1.42	53572600	3400	0.540	0.059	4.5 → 4.0
19	803	1.24	2	1000	2	—	4.0	1.24	53584000	11500	0.617	0.055	4.0 → 1.8, 3.1
20	803	1.30	2	1300	2	—	—	1.30	53591400	7400	—	—	No pressure in plant
21	803	1.27	2	1000	2	—	—	1.27	—	—	—	—	Fixed out, UL Broken @ junction
22	803	1.26	2	1030	2	—	—	1.26	—	—	—	—	—
23	803	1.23	2	1000	2	—	—	1.23	—	—	—	—	—
24	803	1.18	2	1145	2	—	—	1.18	—	—	—	—	—
25	803	1.17	2	1000	2	—	—	1.17	—	—	—	—	Got gas 75
26	803	1.17	2	1145	2	—	—	1.17	—	—	—	—	Brought both plants out, will fix next week
27	803	—	2	—	—	—	—	—	—	—	—	—	Out of line in tanks
28	803	—	2	—	—	—	—	—	—	—	—	—	—
29	803	—	2	—	—	—	—	—	—	—	—	—	—
30	803	—	2	—	—	—	—	—	—	—	—	—	—
31	803	—	2	—	—	—	—	—	—	—	—	—	—

Water line repair completed 12/04/24