

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: **01/25**

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	29	16	10	0.92	0.141
2	45	29	16	10	0.081	0.098
3	45	27	18	10	0.107	0.126
4	45	30	15	10	0.166	0.119
5	45	31	14	10	0.146	0.103
6	45	31	14	10	0.111	0.088
7	45	30	15	10	0.087	0.092
8	45	29	16	10	0.097	0.110
9	45	27	18	10	0.084	0.089
10	45	26	19	10	0.092	0.134
11	45	31	14	10	0.083	0.154
12	45	30	15	10	0.090	0.125
13	45	35	10	10	0.089	0.132
14	45	34	11	10	0.091	0.115
15	45	33	12	10	0.052	0.120
16	45	32	13	10	0.067	0.141
17	45	32	13	10	0.082	0.135
18	45	32	13	10	0.075	0.134
19	45	32	13	10	0.088	0.103
20	45	31	14	10	0.077	0.143
21	45	32	13	10	0.080	0.136
22	45	30	15	10	0.082	0.127
23	45	31	14	10	0.079	0.115
24	45	31	14	10	0.075	0.128
25	45	32	13	10	0.063	0.125
26	45	32	13	10	0.078	0.115
27	45	32	13	10	0.070	0.134
28	45	30	15	10	0.062	0.119
29	45	32	13	10	0.075	0.126
30	45	32	13	10	0.062	0.116
31	45	32	13	10	0.069	0.118

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: **2.6.25**

PHONE #: **(541) 592-2100**
 x2256

CERT #: **D-09445**

OHA - Drinking Water Program - Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP: WTP-A Month/Year: 01/25

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]	CXT	[° C]		Use tables	Yes / No	[GPM]
1/	1.18	43	50.74	11	7.8	28	Y	10.00
2/	1.16	43	49.88	11	7.8	28	Y	9.58
3/	1.11	43	47.73	11	7.6	28	Y	8.33
4/	1.08	43	46.44	11	7.8	28	Y	8.96
5/	1.14	43	49.02	11	7.8	28	Y	8.12
6/	1.15	43	49.45	11	7.8	28	Y	8.54
7/	1.18	43	50.74	11	7.8	28	Y	7.92
8/	1.19	43	51.17	11	7.8	28	Y	7.29
9/	1.19	43	51.17	11	7.8	28	Y	8.54
10/	1.20	43	51.6	11	7.8	28	Y	9.38
11/	1.09	43	46.87	11	7.8	28	Y	6.67
12/1200	1.50	43	64.50	11	7.8	28	Y	7.29
13/1100	1.50	43	64.50	11	7.8	28	Y	10.00
14/1130	1.75	43	75.25	11	7.8	29	Y	6.25
15/1230	2.00	43	86.00	11	7.8	30	Y	8.54
16/1400	1.75	43	75.25	11	7.8	29	Y	7.29
17/1800	1.65	43	70.95	11	7.8	29	Y	7.71
18/1800	1.80	43	77.40	11	7.8	30	Y	6.66
19/1830	1.75	43	75.25	11	7.8	29	Y	8.96
20/1830	1.78	43	76.54	11	7.8	29	Y	6.46
21/1840	1.73	43	74.39	11	7.8	29	Y	7.50
22/1900	1.65	43	70.95	11	7.8	29	Y	7.91
23/1930	1.70	43	73.10	11	7.8	29	Y	7.29
24/1930	1.72	43	73.96	11	7.8	29	Y	6.66
25/1100	1.75	43	75.25	11	7.8	29	Y	7.91
26/1800	1.73	43	74.39	11	7.8	29	Y	8.75
27/1920	1.78	43	73.96	11	7.8	29	Y	7.29
28/1120	1.70	43	75.68	11	7.8	29	Y	7.50
29/1200	1.70	43	75.68	11	7.8	29	Y	8.75
30/1300	1.80	43	77.40	11	7.8	30	Y	7.50
31/1800	1.81	43	77.83	11	7.8	30	Y	7.91

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

53894700

SOURCE NAME: LAKE CREEK

MONTH: January YEAR: 2025

TEST LOCATION CODES:

1- Info Booth

2- Chalet

3- Water Fountain

4- OCVC

5- Chalet

6- Guide house

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					Sel.	Res.			RAW	FINISHED	
		4	SYS										
1	SB	1.18	2	1000	2	—	7.0	1.18	53894500	4500	0.307	0.092	—
2	SB	1.16	2	1030	2	+2.5ml Str	7.0	1.16	53904100	4500	0.221	0.081	CIP → 8.0
3	SB	1.11	2	1200	2	—	7.0	1.11	53908100	4000	0.358	0.107	—
4	SB	1.08	2	1100	2	+3.2ml Str	7.0	1.08	53912600	4300	0.416	0.166	Changed #3
5	SB	1.14	2	1215	2	—	7.0	1.14	53916300	4100	0.420	0.140	—
6	SB	1.15	2	1200	2	—	7.0	1.15	53920400	4100	0.369	0.111	—
7	SB	1.18	2	1230	2	—	7.0	1.18	53924200	3800	0.394	0.087	—
8	SB	1.19	2	0400	2	—	8.0	1.19	53927700	3500	0.415	0.097	CIP 7.0 → 8.5
9	SB	1.14	2	0445	2	—	8.0	1.14	53938000	4100	0.388	0.084	—
10	SB	1.20	2	1530	2	+1.5ml Str	8.0	1.20	53936300	4500	0.372	0.092	—
11	SB	1.09	2	1430	2	+2.5ml Str	8.0	1.09	53939500	3200	0.357	0.083	Extra Residual, CIP T-53800
12	DmJ	1.50	2	1200	2	0	8.0	1.50	53943000	3500	0.362	0.090	NO CHANGES
13	DmJ	1.50	2	1100	2	0	8.0	1.50	53947800	4800	0.354	0.089	Changed #1,2,3,4
14	DmJ	1.75	2	1300	2	0	8.0	1.75	53950800	3000	0.326	0.174	NO CHANGES
15	DmJ	2.00	2	1234	2	0	8.0	2.00	53954900	4100	0.250	0.052	NO CHANGES
16	DmJ	1.75	2	0900	2	0	8.0	1.75	53958400	3500	0.213	0.067	—
17	DmJ	1.65	2	0800	2	0	8.0	1.65	53962100	3700	0.233	0.082	—
18	DmJ	1.80	2	0800	2	0	7.0	1.80	53965300	3200	0.245	0.075	—
19	DmJ	1.75	2	0830	2	0	7.0	1.75	53969400	4300	0.232	0.088	—
20	DmJ	1.78	2	0930	2	0	7.0	1.78	53972700	3100	0.263	0.073	—
21	DmJ	1.73	2	0900	2	0	7.0	1.73	53976300	3600	0.260	0.080	—
22	DmJ	1.65	2	1000	2	0	7.0	1.65	53980100	3800	0.232	0.082	—
23	DmJ	1.70	2	1300	2	0	7.0	1.70	53983600	3500	0.226	0.079	—
24	DmJ	1.72	2	0930	2	0	7.0	1.72	53986800	3200	0.218	0.075	—
25	DmJ	1.75	2	1100	2	0	7.0	1.75	53990600	3800	0.212	0.063	—
26	DmJ	1.73	2	0800	2	0	7.0	1.73	53994800	4200	0.211	0.078	—
27	DmJ	1.72	2	0930	2	0	7.0	1.72	53998300	3500	0.213	0.070	—
28	DmJ	1.76	2	1130	2	0	7.0	1.76	54001900	3600	0.218	0.062	—
29	DmJ	1.76	2	1200	2	0	7.0	1.76	54006000	4200	0.210	0.075	—
30	DmJ	1.80	2	1300	2	0	7.0	1.80	54009700	3600	0.216	0.062	—
31	DmJ	1.81	2	0800	2	0	7.0	1.81	54013500	3800	0.218	0.069	—