

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: **Apr 1/2023**

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	42	30	12	25	.043	.13
2	42	32	10	25	.058	.15
3	42	28	14	25	.059	.050
4	42	30	12	25	.058	.16
5	42	30	12	25	.058	.040
6	42	32	10	25	.059	.14
7	42	30	12	25	.060	.12
8	42	30	12	25	.058	.10
9	42	28	14	25	.067	.13
10	42	28	14	25	.070	.10
11	42	30	12	25	.065	.12
12	42	30	12	25	.067	.13
13	42	32	10	25	.058	.12
14	42	30	12	25	.065	.10
15	42	30	12	25	.065	.13
16	42	30	12	25	.067	.12
17	42	30	12	25	.058	.13
18	42	32	10	25	.067	.12
19	42	32	10	25	.065	.12
20	42	32	10	25	.058	.10
21	42	30	12	25	.065	.13
22	42	32	10	25	.059	.10
23	42	30	12	25	.065	.14
24	42	32	10	25	.058	.12
25	42	30	12	25	.067	.10
26	42	32	10	25	.058	.13
27	42	30	12	25	.065	.10
28	42	32	10	25	.067	.12
29	42	30	12	25	.065	.10
30	42	32	10	25	.058	.13
31						

<p>Cartridge Filtration</p> <p>95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / No All daily turbidity readings ≤ 5 NTU? <input checked="" type="checkbox"/> Yes / No</p>	<p style="text-align: center;">Monthly Summary (Answer Yes or No)</p> <p>CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / No</p> <p>All Cl₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / No</p>
<p>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.</p>	<p>PRINTED NAME: David M. John</p> <p>SIGNATURE: <i>David M. John</i></p> <p>DATE: May 01, 23</p> <p>PHONE #: (541) 592-2100 ex 2256</p> <p>CERT #: D-09445</p>

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: April/2023

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 / 1000	1.00	43	43	12	7.7	28	Yes	20.83
2 / 1530	1.0	43	43	12	7.7	28	Yes	17.91
3 / 10900	1.0	43	43	12	7.7	28	Yes	25.00
4 / 10000	1.00	43	43	12	7.7	28	Yes	20.83
5 / 0800	0.80	43	34.4	12	7.7	28	Yes	21.25
6 / 1930	0.80	43	34.4	12	7.7	28	Yes	11.25
7 / 1100	0.80	43	34.4	12	7.7	28	Yes	22.29
8 / 0800	0.75	43	32.25	12	7.7	26	Yes	22.91
9 / 0930	0.70	43	30.10	12	7.7	26	Yes	18.75
10 / 0900	0.70	43	30.10	12	7.7	26	Yes	12.50
11 / 1300	0.67	43	28.81	12	7.7	26	Yes	10.63
12 / 1500	0.70	43	30.10	12	7.7	26	Yes	11.66
13 / 0800	0.80	43	34.40	12	7.7	26	Yes	11.45
14 / 1300	1.0	43	43	12	7.7	27	Yes	22.5
15 / 1000	1.0	43	43	12	7.7	27	Yes	13.54
16 / 1000	1.0	43	43	12	7.7	27	Yes	15.62
17 / 1200	1.5	43	64.5	12	7.7	28	Yes	13.20
18 / 0900	1.5	43	64.5	12	7.7	28	Yes	11.45
19 / 1100	1.5	43	64.5	12	7.7	28	Yes	31.25
20 / 1200	1.5	43	64.5	12	7.7	28	Yes	17.5
21 / 1200	1.5	43	64.5	12	7.7	28	Yes	13.54
22 / 1400	1.5	43	64.5	12	7.7	28	Yes	16.87
23 / 1300	1.5	43	64.5	12	7.7	28	Yes	13.12
24 / 1400	1.5	43	64.5	12	7.7	28	Yes	14.58
25 / 0900	1.5	43	64.5	12	7.7	28	Yes	13.54
26 / 1400	1.5	43	64.5	12	7.7	28	Yes	15.20
27 / 1300	1.5	43	64.5	12	7.7	28	Yes	12.50
28 / 1400	1.5	43	64.5	12	7.7	28	Yes	11.87
29 / 0800	1.5	43	64.5	12	7.7	28	Yes	22.50
30 / 1200	1.5	43	64.5	12	7.7	28	Yes	11.45
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 April YEAR 2023

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

TEST LOCATION CODES:

- 1 - INFORMATION BOOTH
- 2 - Chalet
- 3 - WATER FOUNTAIN
- 4 - V.C
- 5 - CHATEAU
- 6 - GUIDE HOUSE

PSW ID#: 419 1998

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	DmS	1.0	2	1000	2	0	8	1.0	48763100	10000	.287	.060	NO CHANGES
2	DmS	1.0	2	820	2	0	8	1.0	48771700	8600	.287	.058	NO CHANGES
3	DmS	1.0	2	900	2	0	8	1.0	48783700	12000	.286	.060	NO CHANGES
4	DmS	1.0	2	1000	2	0	8	1.0	48793700	10000	.287	.059	NO CHANGES
5	DmS	0.80	2	0930	2	2000 mL	8	1.0	48802900	10200	.287	.059	CHANGED #1, 2, 3, 4. Batched 2000 mL
6	DmS	0.80	2	0930	2	0	8	1.0	48809300	5400	.287	.058	NO CHANGES
7	DmS	0.80	2	1100	2	0	8	1.0	48820000	10700	.286	.060	NO CHANGES
8	DmS	0.75	2	0800	2	0	8	1.0	48831000	11000	.285	.058	NO CHANGES
9	DmS	0.70	2	0930	2	0	8	1.0	48840000	9000	.285	.067	NO CHANGES
10	DmS	0.70	2	0900	2	0	8	1.0	48846000	6000	.286	.070	NO CHANGES
11	DmS	0.67	2	1300	2	0	8	1.0	48851100	5700	.285	.065	NO CHANGES
12	JL	0.70	2	0800	2	0	8	0.70	48856700	5600	.287	.067	NO CHANGES
13	JL	0.80	2	0900	2	0	8	0.80	48862200	5500	.285	.058	CHANGED 1, 2. FILTERS
14	JL	1.0	2	1300	2	4000 mL	8	1.0	48873000	10800	.286	.065	BATCHED 4000 mL
15	DmS	1.0	2	1000	2	0	8	1.0	48879500	6500	.286	.065	NO CHANGES
16	DmS	1.0	2	1000	2	0	8	1.0	48887000	7500	.285	.058	NO CHANGES
17	JL	1.5	2	1200	2	0	8	1.5	48894700	7700	.286	.065	CHANGED 3, 4. FILTERS
18	DmS	1.5	2	0900	2	0	8	1.5	48900200	5500	.286	.065	NO CHANGES
19	DmS	1.5	2	1100	2	0	8	1.5	48906200	6000	.285	.067	NO CHANGES
20	JL	1.5	2	1200	2	8000 mL	8	1.5	48914600	8400	.286	.058	BATCHED 8000 mL
21	DmS	1.5	2	1300	2	0	8	1.5	48921100	6500	.285	.065	NO CHANGES
22	JL	1.5	2	1400	2	0	8	1.5	48922200	8100	.285	.065	NO CHANGES
23	JL	1.5	2	1300	2	0	8	1.5	48935500	6300	.286	.060	CHANGED 1, 2. FILTERS
24	DmS	1.5	2	1500	2	0	8	1.5	48942500	7000	.287	.058	NO CHANGES
25	DmS	1.5	2	0900	2	0	8	1.5	48949000	6500	.285	.059	NO CHANGES
26	JL	1.5	2	1400	2	8000 mL	8	1.5	48956300	7300	.286	.058	BATCHED 8000 mL CHANGED 3, 4
27	JL	1.5	2	1300	2	0	8	1.5	48962300	6000	.286	.065	NO CHANGES
28	JL	1.5	2	0930	2	0	8	1.5	48969500	5700	.286	.058	NO CHANGES
29	JL	1.5	2	800	2	0	8	1.5	48978200	10800	.286	.066	CHANGED FILTERS 1, 2, 3
30	JL	1.5	2	800	2	0	8	1.5	48984300	5500	.285	.058	NO CHANGES
31	JL	1.5	2	1200	2	0	8	1.5					