

**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:** 04/2024

DAY	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the Day <sup>1</sup> [NTU]
1	42	30	12	25	.076	.13
2	42	30	12	25	.079	.13
3	42	30	12	25	.080	.12
4	42	30	12	25	.087	.12
5	42	30	12	25	.091	.10
6	42	30	12	25	.102	.10
7	42	30	12	25	.077	.12
8	42	30	12	25	.076	.12
9	42	30	12	25	.078	.13
10	42	30	12	25	.083	.12
11	42	30	12	25	.088	.12
12	42	30	12	25	.080	.12
13	42	30	12	25	.073	.14
14	42	30	12	25	.163	.13
15	42	30	12	25	.099	.10
16	42	30	12	25	.086	.10
17	42	30	12	25	.079	.10
18	42	30	12	25	.073	.12
19	42	30	12	25	.070	.12
20	42	30	12	25	.062	.14
21	42	30	12	25	.064	.14
22	42	30	12	25	.064	.14
23	42	30	12	25	.063	.13
24	42	30	12	25	.062	.10
25	42	30	12	25	.062	.12
26	42	30	12	25	.071	.12
27	42	30	12	25	.062	.10
28	42	30	12	25	.064	.14
29	42	30	12	25	.072	.10
30	42	30	12	25	.092	.10
31	42	30	12	25	.086	.10

**Cartridge Filtration**

95% of daily turbidity readings ≤ 1 NTU?  Yes / No  
 All daily turbidity readings ≤ 5 NTU?  Yes / No

**Monthly Summary (Answer Yes or No)**

CT's met everyday? (see back)  Yes / No  
 All Cl<sub>2</sub> residual at entry point ≥ 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: David John

DATE: 04.06.2024

PHONE #: (541) 592.2100 ex 2256

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: April 2024

Date / Time	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User (C) <sup>2</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>2</sup>	Peak Hour Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use tables	Yes / No	[GPM]
1 / 930	1.0	43	43	12	7.7	27	Yes	29.8
2 / 1300	1.2	43	51.6	12	7.7	28	Yes	29.4
3 / 1657	1.3	43	55.9	12	7.7	28	Yes	29.4
4 / 1330	1.2	43	51.6	12	7.7	28	Yes	31.6
5 / 945	1.0	43	43	12	7.7	27	Yes	32.3
6 / 1526	1.2	43	51.6	12	7.7	28	Yes	34.6
7 / 930	1.3	43	55.9	12	7.7	28	Yes	25
8 / 1025	1.0	43	43	12	7.7	27	Yes	30.2
9 / 848	1.0	43	43	12	7.7	27	Yes	29.8
10 / 1348	1.0	43	43	12	7.7	27	Yes	32.1
11 / 1419	1.2	43	51.6	12	7.7	28	Yes	68.542
12 / 1030	1.2	43	51.6	12	7.7	28	Yes	22.92
13 / 923	1.3	43	55.9	12	7.7	28	Yes	22.71
14 / 1042	1.5	43	64.5	12	7.7	29	Yes	60.42
15 / 1157	1.6	43	68.8	12	7.7	29	Yes	19.375
16 / 1300	1.8	43	77.4	12	7.7	30	Yes	19.96
17 / 900	2.0	43	86	12	7.7	30	Yes	38.125
18 / 1200	1.9	43	81.7	12	7.7	30	Yes	37.5
19 / 1343	1.8	43	77.4	12	7.7	30	Yes	35.83
20 / 1245	1.8	43	77.4	12	7.7	30	Yes	35.42
21 / 1000	1.9	43	81.7	12	7.7	30	Yes	37.92
22 / 945	1.8	43	77.4	12	7.7	30	Yes	35.83
23 / 1320	1.7	43	73.1	12	7.7	29	Yes	36.208
24 / 1751	1.6	43	68.8	12	7.7	29	Yes	36.4583
25 / 1845	1.5	43	64.5	12	7.7	28	Yes	34.583
26 / 1400	1.4	43	60.2	12	7.7	28	Yes	33.9583
27 / 1000	1.4	43	60.2	12	7.7	28	Yes	6.6
28 / 900	1.5	43	64.5	12	7.7	28	Yes	15.625
29 / 1330	1.2	43	51.6	12	7.7	28	Yes	46.875
30 / 1300	1.0	43	43	12	7.7	27	Yes	45.625
31 / 945	1.0	43	43	12	7.7	27	Yes	35.416

<sup>2</sup> If Cl<sub>2</sub> 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](http://www.public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-cartridge.pdf)

SOURCE NAME: LAKE CREEK

MONTH April YEAR 2024

ADDRESS: OREGON CAVES NATIONAL MONUMENT

19000 CAVES HIGHWAY

CAVE JUNCTION, OREGON 97523

1-541-592-2100

TEST LOCATION CODES:

1 - INFORMATION BOOTH

4 - V.C

2 - Chalet

5 - CHATEAU

3 - WATER FOUNTAIN

6 - GUIDE HOUSE

*470,200  
gals made*

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	JAL	1.0	2	930	2	0	8.5	1.0	51337400	14300	.278	.076	No change
2	JAL	1.2	2	1300	2	0	8.5	1.2	51402000	14100	.299	.079	no change
3	JAL	1.3	2	1057	2	0	8.5	1.3	51416100	14100	.309	.080	changed Filters #1,2,4
4	JAL	1.2	2	1330	2	0	8.5	1.2	51431300	15200	.321	.087	No change
5	JAL	1.0	2	945	2	0	8.5	1.0	51446800	15900	.406	.091	No change
6	JAL	1.2	2	1526	2	0	8.5	1.2	51463400	16600	.487	.102	Changed Filter #1
7	JAL	1.3	2	930	2	0	8.5	1.3	51475400	12000	.115	.077	changed Filter #2
8	JAL	1.0	2	1025	2	0	8.5	1.0	51489900	14500	.146	.076	No change
9	JAL	1.0	2	848	2	0	8.7	1.0	51504200	14300	.212	.078	No change
10	JAL	1.0	2	1347	2	0	8.5	1.0	51519600	15400	.224	.083	changed Filter #1,2
11	JAL	1.2	2	1414	2	30000	7	1.2	51552500	32900	.278	.088	changed Filter #2,3,4
12	JAL	1.2	2	1030	2	0	7	1.2	51563500	11000	.348	.080	No change
13	JAL	1.3	2	823	2	0	7	1.3	51574400	10900	1.32	.073	changed Filter #1
14	JAL	1.5	2	1042	2	0	6.5	1.5	51603400	29000	2.90	.163	changed Filter #2
15	JAL	1.6	2	1157	2	0	6.5	1.6	51612700	9300	1.72	.099	No change
16	JAL	1.8	2	1300	2	0	6.5	1.8	51621800	9100	.595	.086	No change
17	JAL	2.0	2	900	2	0	5.5	2.0	51631100	14300	.427	.074	changed Filters #1,2,3,4
18	JAL	1.9	2	1200	2	0	5.5	1.9	51649100	18000	.396	.073	No change
19	JAL	1.8	2	1345	2	0	5.5	1.8	51666300	17200	.365	.070	No change
20	JAL	1.8	2	1215	2	0	5.5	1.8	51683300	17000	.225	.062	No change
21	JAL	1.9	2	1000	2	150000	5.5	1.9	51701500	18200	.194	.064	changed Filters #1,2,3,4
22	JAL	1.8	2	945	2	0	5.5	1.8	51718700	17200	.167	.064	No change
23	JAL	1.7	2	1330	2	0	5.5	1.7	51735600	16900	.245	.063	No change
24	JAL	1.6	2	751	2	0	4.5	1.6	51753100	17500	.300	.062	changed Filters #2,3,4
25	JAL	1.5	2	845	2	0	4.5	1.5	51769700	16600	.284	.062	No change
26	DJ	1.4	2	1400	2	0	4.5	1.4	51786000	16300	.245	.071	changed Filter #1
27	JAL	1.4	2	1000	2	0	4.5	1.4	51789200	3200	.209	.062	No change
28	JAL	1.5	2	900	2	10000	4.5	1.5	51796700	7500	.154	.064	changed Filters #2,3,4
29	JAL	1.2	2	1330	2	0	4.5	1.2	51814200	22500	.149	.072	No change
30	DJ	1.0	2	1300	2	0	4.5	1.0	51841100	21900	.146	.092	changed Filters #1,2,3,4
31	JAL	1.0	2	945	2	0	4.5	1.0	51858100	17000	.142	.086	No change