

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: **9/23**

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	.058	.14
2	42	30	12	25	.087	.042
3	42	30	12	25	.075	.10
4	42	30	12	25	.068	.10
5	42	30	12	25	.098	.12
6	42	30	12	25	.082	.10
7	42	30	12	25	.076	.10
8	42	30	12	25	.075	.12
9	42	30	12	25	.075	.12
10	42	30	12	25	.066	.10
11	42	30	12	25	.058	.14
12	42	30	12	25	.058	.14
13	42	30	12	25	.058	.12
14	42	30	12	25	.057	.10
15	42	30	12	25	.056	.10
16	42	30	12	25	.046	.12
17	42	30	12	25	.059	.10
18	42	30	12	25	.056	.10
19	42	30	12	25	.055	.10
20	42	30	12	25	.053	.10
21	42	30	12	25	.058	.12
22	42	30	12	25	.058	.14
23	42	30	12	25	.057	.12
24	42	30	12	25	.055	.10
25	42	30	12	25	.058	.14
26	42	30	12	25	.065	.12
27	42	30	12	25	.067	.12
28	42	30	12	25	.065	.12
29	42	30	12	25	.058	.14
30	42	30	12	25	.139	.050
31	42	30	12	25	.070	.14

<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: 9.30.23</p> <p>PHONE #: (504) 502-2100 EX2256</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: 9/23

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]
1/900	1.09	43	46.44	12	7.7	27	Yes	8.54
2/900	1.0	43	43	12	7.7	27	Yes	12.70
3/830	1.0	43	43	12	7.7	27	Yes	14.37
4/1000	1.0	43	43	12	7.7	27	Yes	10.41
5/815	1.0	43	43	12	7.7	27	Yes	11.6
6/930	1.0	43	43	12	7.7	27	Yes	10.83
7/856	1.0	43	43	12	7.7	27	Yes	11.87
8/900	1.09	43	46.87	12	7.7	27	Yes	21.25
9/1627	1.0	43	43	12	7.7	27	Yes	13.12
10/129	1.09	43	46.87	12	7.7	27	Yes	5.21
11/800	1.0	43	43	12	7.7	27	Yes	8.3
12/1130	1.0	43	43	12	7.7	27	Yes	18.54
13/945	1.0	43	43	12	7.7	27	Yes	18.96
14/1100	1.09	43	46.44	12	7.7	27	Yes	19.37
15/830	1.0	43	43	12	7.7	27	Yes	33.75
16/124	1.09	43	46.87	12	7.7	27	Yes	40.83
17/1045	1.0	43	43	12	7.7	27	Yes	22.5
18/900	1.0	43	43	12	7.7	27	Yes	35.83
19/830	1.0	43	43	12	7.7	27	Yes	36.6
20/1000	1.0	43	43	12	7.7	27	Yes	36.25
21/850	1.0	43	43	12	7.7	27	Yes	48.3
22/1010	1.02	43	43.86	12	7.7	27	Yes	50.62
23/930	1.0	43	43	12	7.7	27	Yes	48.54
24/948	1.0	43	43	12	7.7	27	Yes	56.6
25/1000	1.0	43	43	12	7.7	27	Yes	19.37
26/1120	1.05	43	45.15	12	7.7	27	Yes	19.16
27/919	1.0	43	43	12	7.7	27	Yes	19.79
28/845	1.20	43	51.6	12	7.7	28	Yes	18.75
29/1113	1.15	43	49.45	12	7.7	27	Yes	18.75
30/1000	1.0	43	43	12	7.7	27	Yes	10.83
31/1118	1.06	43	45.58	12	7.7	27	Yes	14.37

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 September YEAR 2023

TEST LOCATION CODES:

1 - INFORMATION BOOTH

4 - V.C

2 - Chalet

5 - CHATEAU

3 - WATER FOUNTAIN

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 RESIDUAL		TIME	TEST LOCATION	B TANK CHLORINE ADDED	CHLORINE		METER READING	GAL USED	TURBIDITY		REMARKS
		4	SYS				Set.	Res.			RAW	FINISHED	
1	JAL	1.08	2	900	Z	0	6	1.09	49684400	4100	.117	.058	Road construction Drawing From Hydrant lower parking lot & lake creek
2	JAL	1.0	2	800	Z	0	6	1.0	49691000	6100	.122	.057	changed Filters #1,2
3	JAL	1.0	2	830	Z	0	6	1.0	49697900	6900	.119	.075	no change
4	JAL	1.0	2	1000	Z	0	6	1.0	49702900	5000	.117	.068	no change
5	JAL	1.0	2	815	Z	0	6	1.0	49708500	5600	.105	.098	no change
6	JAL	1.0	2	930	Z	0	6	1.0	49713700	5200	.105	.082	no change
7	JAL	1.0	2	856	Z	3000	6	1.0	49719400	5700	.105	.076	changed Filters #1,2,3,4
8	JAL	1.09	2	900	Z	0	6	1.09	49729600	10200	.105	.075	no change
9	JAL	1.0	2	1027	Z	0	6	1.0	49735900	6300	.107	.075	no change
10	JAL	1.09	2	1200	Z	0	6	1.09	49738400	2500	.109	.066	no change
11	JAL	1.0	2	800	Z	0	6	1.0	49742400	4000	.109	.058	no change
12	JAL	1.0	2	1330	Z	0	6	1.0	49751300	8900	.109	.058	no change
13	JAL	1.0	2	945	Z	0	6	1.0	49760400	9100	.110	.058	no change
14	JAL	1.08	2	1100	Z	12000	7	1.08	49769700	9300	.117	.057	changed Filters #1,2,3,4 New Batch & Feeder installed
15	JAL	1.0	2	830	Z	0	9	1.0	49785900	16200	.113	.056	no change
16	JAL	1.09	2	1247	Z	0	9	1.09	49805500	19600	.109	.046	changed Filters #1,2,3,4
17	JAL	1.0	2	1045	Z	0	9	1.0	49816300	10800	.115	.059	no change
18	JAL	1.0	2	900	Z	0	9	1.0	49833500	17200	.113	.056	no change
19	JAL	1.0	2	830	Z	0	9	1.0	49851100	17600	.112	.055	no change
20	JAL	1.0	2	1000	Z	0	9	1.0	49868500	17400	.111	.053	changed Filters #1,2
21	JAL	1.0	2	850	Z	0	9	1.0	49891700	23200	.117	.058	no change
22	JAL	1.02	2	1010	Z	0	9	1.02	49916000	24300	.124	.058	changed Filters #3,4
23	JAL	1.0	2	930	Z	0	9	1.0	49939300	23300	.149	.057	changed Filters #1,2
24	JAL	1.0	2	848	Z	0	9	1.0	49966500	27200	.174	.055	no change
25	JAL	1.0	2	1000	Z	0	9	1.0	49975300	9300	.181	.058	no change
26	JAL	1.05	2	1200	Z	0	9	1.05	49985000	9200	.190	.065	no change
27	JAL	1.0	2	919	Z	5000	9	1.0	49994500	9500	.194	.067	changed Filters #1,2,3,4
28	JAL	1.20	2	845	Z	0	9	1.20	50003500	9000	.190	.065	no change
29	JAL	1.15	2	1113	Z	0	9	1.15	50012500	9000	.187	.058	no change
30	JAL	1.0	2	1000	Z	5000	9	1.0	50019700	8200	.189	.184	changed Filters #1,2,3,4
31	JAL	1.06	2	1118	Z	0	9	1.06	50024600	6900	.189	.070	no change

Oct 1