

# 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: **8/23**

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	.064	.12
2	42	30	12	25	.063	.12
3	42	30	12	25	.061	.12
4	42	30	12	25	.060	.14
5	42	30	12	25	.051	.10
6	42	30	12	25	.063	.12
7	42	30	12	25	.062	.12
8	42	30	12	25	.060	.13
9	42	30	12	25	.055	.10
10	42	30	12	25	.051	.10
11	42	30	12	25	.051	.10
12	42	30	12	25	.055	.14
13	42	30	12	25	.055	.12
14	42	30	12	25	.083	.10
15	42	30	12	25	.055	.10
16	42	30	12	25	.053	.12
17	42	30	12	25	.053	.12
18	42	30	12	25	.056	.10
19	42	30	12	25	.074	.10
20	42	30	12	25	.064	.12
21	42	30	12	25	.062	.12
22	42	30	12	25	.055	.14
23	42	30	12	25	.049	.12
24	42	30	12	25	.045	.12
25	42	30	12	25	.052	.10
26	42	30	12	25	.053	.10
27	42	30	12	25	.064	.14
28	42	30	12	25	.063	.12
29	42	30	12	25	.055	.12
30	42	30	12	25	.054	.10
31	42	30	12	25	.067	.12

<p><b>Cartridge Filtration</b></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;"><b>Monthly Summary (Answer Yes or No)</b></p> <p>CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / No</p> <p>All Cl<sub>2</sub> residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / No</p>
<p><b>Notes:</b> 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: <b>David John</b></p> <p>SIGNATURE: <i>David John</i></p> <p>DATE: <b>9.1.23</b></p> <p>PHONE #: <b>(541) 692-2100</b>  <b>EX2256</b></p> <p>CERT #: <b>D-09445</b></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: 8/23.

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]
1/1245	1.09	43	46.87	12	7.7	27	Yes	8.96
2/1842	1.09	43	46.87	12	7.7	27	Yes	9.79
3/1900	1.10	43	47.3	12	7.7	27	Yes	10
4/1100	1.09	43	46.87	12	7.7	27	Yes	10.20
5/1410	1.09	43	46.87	12	7.7	27	Yes	12.29
6/1413	1.0	43	43	12	7.7	27	Yes	9.79
7/1857	1.0	43	43	12	7.7	27	Yes	12.29
8/1000	1.10	43	47.3	12	7.7	27	Yes	10.41
9/1900	1.10	43	47.3	12	7.7	27	Yes	10.20
10/1314	1.10	43	47.3	12	7.7	27	Yes	12.29
11/1345	1.0	43	43	12	7.7	27	Yes	10.20
12/1630	1.0	43	43	12	7.7	27	Yes	10.20
13/1100	0.95	43	40.85	12	7.7	26	Yes	21.45
14/1936	0.8	43	34.4	12	7.7	26	Yes	21.25
15/1000	0.87	43	37.41	12	7.7	26	Yes	9.58
16/1909	0.9	43	38.7	12	7.7	26	Yes	10.62
17/1330	1.0	43	43	12	7.7	27	Yes	13.12
18/1036	1.0	43	43	12	7.7	27	Yes	8.54
19/1426	0.91	43	39.13	12	7.7	26	Yes	19.79
20/1100	0.95	43	40.85	12	7.7	26	Yes	8.75
21/1900	0.95	43	40.85	12	7.7	26	Yes	10.41
22/1145	1.0	43	43	12	7.7	26	Yes	9.37
23/1903	0.95	43	40.85	12	7.7	26	Yes	11.87
24/1750	0.94	43	40.42	12	7.7	26	Yes	16.66
25/1855	1.10	43	47.3	12	7.7	27	Yes	17.29
26/1759	1.06	43	45.58	12	7.7	27	Yes	16.46
27/1138	1.05	43	45.15	12	7.7	27	Yes	12.5
28/1000	1.0	43	43	12	7.7	27	Yes	15.62
29/1400	1.0	43	43	12	7.7	27	Yes	12.5
30/1900	1.0	43	43	12	7.7	27	Yes	18.95
31/1438	0.89	43	38.27	12	7.7	26	Yes	20.83

<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 August YEAR 2023

TEST LOCATION CODES:

1 - INFORMATION BOOTH

4 - V.C2 - 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	1.09	Z	12:45	Z	0	6	1.69	49492000	4300	.242	.064	no change
2	JAL	1.09	Z	0842	Z	0	6	1.09	49496700	4700	.242	.063	no change
3	JAL	1.10	Z	9:00	Z	0	6	1.10	49501500	4800	.243	.061	no change
4	JAL	1.09	Z	11:00	Z	0	6	1.09	49506400	4900	.246	.060	no change
5	JAL	1.09	Z	14:10	Z	0	6	1.09	49512300	5900	.248	.051	no change
6	JAL	1.0	Z	14:13	Z	0	6	1.0	49517000	4700	.244	.063	Changed # 1,2,3,4
7	JAL	1.0	Z	8:57	Z	3500	6	1.0	49522900	5900	.241	.062	no change
8	JAL	1.1	Z	10:00	Z	0	6	1.1	49527900	5000	.234	.060	no change
9	JAL	1.1	Z	9:00	Z	0	6	1.1	49532800	4900	.230	.055	no change
10	JAL	1.1	Z	13:14	Z	0	6	1.1	49538700	5900	.226	.051	changed # 3, 4
11	JAL	1.0	Z	8:45	Z	0	6	1.0	49543600	4900	.165	.051	no change
12	JAL	1.0	Z	16:30	Z	0	6	1.0	49548500	4900	.137	.055	changed # 1,2,3,4,
13	JAL	0.95	Z	11:00	Z	0	6	0.95	49553400	10300	.137	.055	no change
14	JAL	0.80	Z	8:36	Z	0	6	0.80	49558300	10200	.139	.083	no change
15	JAL	0.87	Z	10:00	Z	0	6	0.87	49563200	4600	.137	.055	no change
16	JAL	0.9	Z	9:09	Z	0	6	0.9	49573600	5100	.135	.053	no change
17	JAL	1.0	Z	13:30	Z	3000	6	1.0	49578700	6300	.134	.053	no change
18	JAL	1.0	Z	10:36	Z	0	6	1.0	49585000	4100	.131	.056	changed # 3,4
19	JAL	0.91	Z	14:26	Z	0	6	0.91	49593600	9500	.130	.074	no change
20	JAL	0.95	Z	11:00	Z	0	6	0.95	49602800	4200	.128	.064	change # 1, 2
21	JAL	0.95	Z	9:00	Z	0	6	0.95	49607800	5000	.128	.062	no change
22	JAL	1.0	Z	11:45	Z	0	6	1.0	49612300	4500	.125	.065	no change
23	JAL	0.95	Z	8:03	Z	3000	6	0.95	49618000	5700	.124	.049	changed # 3,4
24	JAL	0.94	Z	7:50	Z	0	6	0.94	49626000	8000	.122	.045	no change
25	JAL	1.10	Z	8:55	Z	0	6	1.10	49631800	8300	.122	.052	changed Filters # 1,2
26	JAL	1.06	Z	7:59	Z	0	6	1.06	49642200	7900	.120	.053	no change
27	JAL	1.05	Z	11:38	Z	3000	6	1.05	49648200	6000	.120	.064	changed Filters # 3,4
28	JAL	1.0	Z	10:00	Z	0	6	1.0	49655700	7500	.120	.063	no change
29	JAL	1.0	Z	14:00	Z	0	6	1.0	49661700	6000	.119	.055	no change
30	JAL	1.0	Z	8:00	Z	0	6	1.0	49670800	9100	.117	.054	no change
31	JAL	0.89	Z	14:38	Z	0	6	0.89	49680800	10000	.117	.067	no change