

# 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:** 01/2024

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	.062	.14
2	42	30	12	25	.070	.14
3	42	30	12	25	.078	.13
4	42	30	12	25	.079	.10
5	42	30	12	25	.073	.12
6	42	30	12	25	.079	.10
7	42	30	12	25	.085	.14
8	42	30	12	25	.081	.14
9	42	30	12	25	.076	.12
10	42	30	12	25	.071	.12
11	42	30	12	25	.072	.12
12	42	30	12	25	.073	.10
13	42	30	12	25	.092	.12
14	42	30	12	25	.091	.12
15	42	30	12	25	.089	.11
16	42	30	12	25	.087	.11
17	42	30	12	25	.086	.10
18	42	30	12	25	.098	.12
19	42	30	12	25	.086	.10
20	42	30	12	25	.074	.12
21	42	30	12	25	.077	.10
22	42	30	12	25	.075	.12
23	42	30	12	25	.072	.12
24	42	30	12	25	.071	.12
25	42	30	12	25	.092	.12
26	42	30	12	25	.087	.11
27	42	30	12	25	.105	.14
28	42	30	12	25	.131	.13
29	42	30	12	25	.113	.12
30	42	30	12	25	.086	.10
31	42	30	12	25	.071	.10

<b>Cartridge Filtration</b>	<b>Monthly Summary (Answer Yes or No)</b>	
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	CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / No	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> 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: 01.31.2024
	PHONE #: (541) 592-2100 ext 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: Jan 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 / 1200	1.4	43	60.2	12	7.7	28	yes	14.58
2 / 900	1.2	43	51.6	12	7.7	28	yes	15.41
3 / 1400	1.1	43	47.3	12	7.7	27	yes	15.20
4 / 1630	1.8	43	77.4	12	7.7	30	yes	11.25
5 / 1400	1.2	43	51.6	12	7.7	28	yes	17.5
6 / 945	1.2	43	51.6	12	7.7	28	yes	13.54
7 / 1230	1.0	43	43	12	7.7	27	yes	13.54
8 / 1000	1.6	43	68.8	12	7.7	29	yes	15.62
9 / 1345	1.8	43	77.4	12	7.7	30	yes	15.62
10 / 1230	1.8	43	77.4	12	7.7	30	yes	15.83
11 / 945	1.8	43	77.4	12	7.7	30	yes	13.54
12 / 1000	1.9	43	81.7	12	7.7	30	yes	13.54
13 / 1330	1.8	43	77.4	12	7.7	30	yes	16.875
14 / 1200	1.9	43	81.7	12	7.7	30	yes	15.41
15 / 940	2.2	43	94.6	12	7.7	31	yes	15
16 / 1030	2.6	43	111.8	12	7.7	32	yes	14.79
17 / 1100	2.8	43	120.4	12	7.7	33	yes	14.16
18 / 854	2.6	43	111.8	12	7.7	32	yes	13.54
19 / 900	2.1	43	90.3	12	7.7	30	yes	13.54
20 / 1323	1.6	43	68.8	12	7.7	29	yes	13.54
21 / 1100	1.5	43	64.5	12	7.7	28	yes	17.5
22 / 1000	1.4	43	60.2	12	7.7	28	yes	14.79
23 / 1400	1.2	43	51.6	12	7.7	28	yes	14.58
24 / 1030	1.0	43	43	12	7.7	27	yes	14.79
25 / 922	1.0	43	43	12	7.7	27	yes	11.87
26 / 1313	1.2	43	51.6	12	7.7	28	yes	17.5
27 / 1200	1.3	43	55.9	12	7.7	28	yes	12.5
28 / 850	1.0	43	43	12	7.7	27	yes	6.25
29 /	1.0	43	43	12	7.7	27	yes	9.58
30 /	1.0	43	43	12	7.7	27	yes	8.3
31 /	1.0	43	43	12	7.7	27	yes	7.08

<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 January YEAR 2024

TEST LOCATION CODES:

1 - INFORMATION BOOTH

4 - V.C

5 - CHATEAU

6 - GUIDE HOUSE

197,900 Gals Made

2 - Chatelet

3 - WATER FOUNTAIN

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	1.4	2	1200	2	0	10	1.4	5062500	7000	.609	.062	no change
2	JAL	1.2	2	900	2	0	10	1.2	50632400	7400	.605	.070	no change
3	JAL	1.10	2	1400	2	0	10	1.10	50631700	7300	.599	.078	changed Filters # 3,4
4	JAL	1.8	2	1030	2	5000	10	1.8	50645100	8400	.918	.079	no change
5	JAL	1.2	2	1400	2	0	10	1.2	50653500	8400	1.10	.073	no change
6	JAL	1.02	2	945	2	0	10	1.2	50660000	6500	1.10	.079	no change SNOW
7	JAL	1.0	2	1230	2	0	10	1.0	50666500	6500	1.10	.085	changed Filters # 2,3,4
8	JAL	1.6	2	1000	2	0	10	1.6	50674600	7500	1.10	.081	no change
9	JAL	1.8	2	1345	2	0	10	1.8	50681500	7500	1.11	.076	no change
10	JAL	1.8	2	1230	2	0	10	1.8	50689100	7600	1.12	.071	changed Filter #1 SNOW
11	JAL	1.8	2	945	2	0	10	1.8	50695600	6500	1.13	.072	no change
12	JAL	1.9	2	1000	2	0	10	1.9	50702100	6500	1.16	.073	no change
13	JAL	1.8	2	1330	2	15000	10	1.8	50710200	8100	1.18	.092	changed Filters # 2,3,4
14	JAL	1.9	2	1200	2	0	10	1.9	50717600	7400	1.19	.091	no change
15	JAL	2.2	2	940	2	0	10	2.2	50724800	7200	1.19	.089	no change
16	JAL	2.6	2	1030	2	0	10	2.6	50734900	7100	1.20	.087	no change
17	JAL	2.8	2	1100	2	0	8.5	2.8	50738700	6800	1.22	.086	changed Filters #1,2
18	JAL	2.6	2	854	2	0	8	2.6	50745200	6500	1.43	.098	no change
19	JAL	2.01	2	900	2	0	7	2.1	50751700	6500	1.41	.086	no change
20	JAL	1.6	2	1323	2	0	6.25	1.6	50758200	6500	1.38	.074	changed Filter #2 service to 53000
21	JAL	1.5	2	1100	2	14000	6.25	1.5	50766600	8400	.270	.077	changed Filters # 3,4
22	JAL	1.4	2	1000	2	0	6.25	1.4	50773700	7100	1.265	.075	no change
23	JAL	1.2	2	1400	2	0	6.25	1.2	50780700	7000	1.222	.072	no change
24	JAL	1.0	2	1030	2	0	6.5	1.0	50787800	7100	1.187	.071	changed Filter #1,2
25	JAL	1.0	2	922	2	0	7.5	1.0	50793500	5700	.253	.092	no change Auto wiper installed
26	JAL	1.2	2	1313	2	0	7.5	1.02	50801900	8400	1.185	.087	no change
27	JAL	1.3	2	1200	2	0	7.5	1.03	50807900	6000	1.348	1.105	no change
28	JAL	1.0	2	850	2	0	7.5	1.0	50810900	3000	1.555	1.131	changed Filters # 2,3,4
29	JAL	1.0	2	1000	2	0	7.5	1.0	50815500	4600	1.466	1.113	no change
30	JAL	1.0	2	1345	2	0	7.5	1.0	50819500	4000	1.324	.086	no change
31	JAL	1.0	2	900	2	0	8.6	1.0	50822900	3400	1.242	.071	changed Filter #1