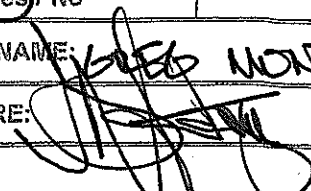


# AUGUST

## 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: **Aug/2022**

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	.043	.180
2	42	32	10	25	.040	.200
3	42	30	12	25	.042	.150
4	42	30	12	25	.043	.125
5	42	30	12	25	.048	.110
6	42	32	10	25	.050	.130
7	42	28	14	25	.055	.125
8	42	32	10	25	.045	.120
9	42	29	13	25	.052	.135
10	42	25	17	25	.053	.112
11	42	20	22	25	.054	.122
12	42	34	8	25	.040	.154
13	42	31	11	25	.052	.01
14	42	29	13	25	.053	.122
15	42	28	14	25	.055	.10
16	42	28	14	25	.057	.14
17	42	28	14	25	.057	.13
18	42	30	12	25	.056	.10
19	42	26	16	25	.058	.23
20	42	31	11	25	.041	.14
21	42	29	13	25	.064	.23
22	42	28	14	25	.066	.10
23	42	27	15	25	.068	.12
24	42	27	15	25	.070	.085
25	42	25	17	25	.073	.10
26	42	30	12	25	.046	.10
27	42	28	14	25	.048	.11
28	42	27	15	25	.052	.10
29	42	24	18	25	.055	.10
30	42	21	21	25	.060	.15
31	42	32	10	25	.052	.10

<p><b>Cartridge Filtration</b></p> <p>95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No          All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> 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 style="text-align: center;"><b>Monthly Summary (Answer Yes or No)</b></p> <table style="width: 100%;"> <tr> <td style="width: 50%;">CT's met everyday? (see back) <input checked="" type="radio"/> Yes <input type="radio"/> No</td> <td style="width: 50%;">All Cl<sub>2</sub> residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No</td> </tr> </table> <p>PRINTED NAME: <b>KEVIN MONTAGUE</b></p> <p>SIGNATURE: </p> <p>DATE: <b>8.31.2022</b></p> <p>PHONE #: <b>(541) 592-2400</b> <b>EXT. 2255</b></p> <p>CERT #: <b>D-09444</b></p>	CT's met everyday? (see back) <input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No
CT's met everyday? (see back) <input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No		

Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in "Daily Turbidity"

# AUGUST

## OHA - Drinking Water Program - Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP.: WTP-A Month/Year: *Aug/2022*

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]	CXT	[° C]		Use tables	Yes / No	[GPM]
1 / 1100	1.50	43	64.5	12	7.7	28	Yes	10.0
2 / 10800	1.30	<del>55.9</del> 43	55.9	12	7.7	28	Yes	7.29
3 / 10700	1.30	<del>55.9</del> 43	55.9	12	7.7	28	Yes	6.88
4 / 10800	1.30	43	55.9	12	7.7	28	Yes	8.33
5 / 10900	1.30	43	55.9	12	7.7	28	Yes	5.83
6 / 10800	1.30	43	55.9	12	7.7	28	Yes	6.25
7 / 11000	1.30	43	55.9	12	7.7	28	Yes	5.20
8 / 10700	1.30	43	55.9	12	7.7	28	Yes	11.87
9 / 10700	1.30	43	55.90	12	7.7	28	Yes	6.88
10 / 10800	1.29	43	55.47	12	7.7	28	Yes	7.92
11 / 10800	1.29	43	55.47	12	7.7	28	Yes	8.33
12 / 10800	1.28	43	55.04	12	7.7	28	Yes	9.38
13 / 10800	1.32	43	56.76	12	7.7	28	Yes	4.58
14 / 10800	1.35	43	58.05	12	7.7	28	Yes	7.71
15 / 10800	1.39	43	59.77	12	7.7	28	Yes	6.67
16 / 10845	1.47	43	63.21	12	7.7	29	Yes	7.71
17 / 10845	1.49	43	64.07	12	7.7	29	Yes	7.50
18 / 10845	1.51	43	64.93	12	7.7	29	Yes	7.08
19 / 10800	1.40	43	62.78	12	7.7	29	Yes	6.04
20 / 10800	1.43	43	61.49	12	7.7	29	Yes	6.46
21 / 10800	1.54	43	66.22	12	7.7	29	Yes	6.25
22 / 11000	1.62	43	69.66	12	7.7	30	Yes	7.08
23 / 10800	1.70	43	73.10	12	7.7	30	Yes	11.25
24 / 10800	1.62	43	69.66	12	7.7	30	Yes	6.875
25 / 10800	1.55	43	66.65	12	7.7	29	Yes	6.04
26 / 10845	1.49	43	64.07	12	7.7	29	Yes	9.58
27 / 10800	1.32	43	56.76	12	7.7	28	Yes	6.46
28 / 10800	1.27	43	54.61	12	7.7	28	Yes	7.50
29 / 10800	1.26	43	54.18	12	7.7	28	Yes	7.08
30 / 10845	1.21	43	52.03	12	7.7	28	Yes	8.13
31 / 10845	1.19	43	51.17	12	7.7	28	Yes	6.67

<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.

# AUGUST

SOURCE NAME: LAKE CREEK

MONTH Aug YEAR 2022

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

PSW ID#: 419 1998

47371200

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	DmJ	1.50	2	1100	2	0	6.0	1.50	47382000	4800	.274	.055	CHANGED #2 Filter
2	DmJ	1.30	2	0800	2	0	6.0	1.30	47385500	3500	.274	.045	NO CHANGES
3	DmJ	1.30	2	0700	2	0	6.0	1.30	47388000	3300	.274	.050	CHANGED #1,2,3,4
4	DmJ	1.30	2	0800	2	4000 mL	6.0	1.30	47392800	4800	.272	.043	ETCHED @ 4000 mL
5	DmJ	1.30	2	0900	2	0	6.0	1.30	47395600	2500	.270	.048	NO CHANGES
6	DmJ	1.30	2	0800	2	0	6.0	1.30	47398600	3000	.274	.050	NO CHANGES
7	DmJ	1.30	2	1000	2	0	6.0	1.30	47401100	2500	.273	.055	NO CHANGES
8	DmJ	1.30	2	0700	2	4800 mL	6.0	1.30	47406800	5700	.268	.045	ETCHED @ 4800 change #2
9	EW	1.30	2	0750	2	0	6.0	1.30	47410100	3300	.268	.052	NO CHANGES
10	EW	1.29	2	1000	2	0	6.0	1.29	47419200	3800	.269	.053	NO CHANGES
11	EW	1.29	2	1000	2	0	6.0	1.29	47419200	4000	.269	.054	NO CHANGES
12	EW	1.28	2	1030	2	0	6.0	1.28	47422400	4500	.270	.040	CHANGED 1,2,3,4
13	EW	1.30	2	1145	2	3200 mL	6.0	1.30	47426600	2200	.270	.052	ETCHED 3200 ML
14	EW	1.35	2	1000	2	0	6.0	1.35	47428200	3700	.270	.053	NO CHANGES
15	EW	1.39	2	1030	2	0	6.0	1.39	47431500	3700	.269	.055	NO CHANGES
16	EW	1.47	2	0745	2	0	6.0	1.47	47435200	3700	.268	.057	NO CHANGES
17	EW	1.49	2	0815	2	0	6.0	1.49	47438800	3600	.268	.057	NO CHANGES
18	EW	1.51	2	0946	2	0	6.0	1.51	47442200	3400	.268	.056	NO CHANGES
19	EW	1.40	2	1030	2	0	6.0	1.46	47446100	2900	.268	.057	NO CHANGES
20	EW	1.43	2	0800	2	4400 mL	6.0	1.43	47449200	3100	.268	.060	CHANGED 1,2,3,4 / ETCHED 4400 ML
21	EW	1.54	2	1030	2	0	6.0	1.54	47451200	3000	.268	.061	NO CHANGES
22	EW	1.62	2	1100	2	0	6.0	1.62	47454600	3400	.268	.066	NO CHANGES
23	EW	1.70	2	0800	2	0	5.0	1.70	47460000	5400	.268	.068	NO CHANGES
24	EW	1.62	2	0930	2	0	5.0	1.62	47463400	3300	.267	.070	NO CHANGES
25	EW	1.63	2	0900	2	0	5.0	1.65	47466800	2900	.266	.073	NO CHANGES
26	EW	1.49	2	0835	2	0	5.0	1.49	47470800	4600	.266	.046	CHANGED 1,2,3,4
27	EW	1.32	2	0900	2	0	5.0	1.32	47473200	3100	.266	.048	NO CHANGES
28	EW	1.27	2	0930	2	0	5.0	1.27	47475600	3600	.266	.052	NO CHANGES
29	EW	1.26	2	1000	2	0	5.0	1.26	47480000	3400	.266	.055	NO CHANGES
30	EW	1.21	2	0845	2	0	5.0	1.21	47483400	3900	.266	.060	NO CHANGES
31	EW	1.19	2	0915	2	6800 ML	5.0	1.19	47488000	3700	.266	.062	ETCHED 6800 ML / CHANGED 1,2,3,4