


OCTOBER

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:

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	31	11	25	.036	.10
2	42	29	13	25	.037	.10
3	42	27	15	25	.042	.10
4	42	22	20	25	.053	.73
5	42	31	8	25	.055	.10
6	42	32	10	25	.040	1.0
7	40	30	10	25	.042	.10
8	42	31	11	25	.043	.10
9	42	30	12	25	.045	.10
10	42	28	14	25	.046	.10
11	42	25	17	25	.049	.10
12	42	22	20	25	.052	.10
13	42	20	22	25	.053	.10
14	42	29	13	25	.043	.10
15	42	28	14	25	.044	.10
16	42	25	17	25	.047	.10
17	42	23	19	25	.054	.10
18	42	21	21	25	.065	.10
19	42	21	21	25	.066	.10
20	42	20	22	25	.067	.10
21	42	19	23	25	.068	.10
22	41	33	8	25	.099	.69
23	42	30	12	25	.042	.44
24	42	26	16	25	.051	.57
25	42	31	8	25	.064	.10
26	42	30	12	25	.061	1.0
27	42	27	15	25	.054	1.0
28	42	26	16	25	.062	.83
29	42	30	12	25	.065	1.0
30	42	27	15	25	.066	.24
31	42	25	17	25	.069	.10

<p>Cartridge Filtration</p> <p>95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No All daily turbidity readings ≤ 5 NTU? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> 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;">Monthly Summary (Answer Yes or No)</p> <p>CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No</p> <p>All Cl₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No</p> <p>PRINTED NAME: MONTAGUE, EREG</p> <p>SIGNATURE: </p> <p>DATE: 11-2-2022</p> <p>PHONE #: (541) 892-2100 x 2255</p> <p>CERT #: 09444</p>
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OCTOBER

OHA - Drinking Water Program - Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP: WTP-A Month/Year:

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 Hourly Demand Flow
	[ppm or mg/L]	[minutes]	CXT	[°C]		Use tables	Yes / No	[GPM]
1/0545	1.25	43	53.75	12	7.7	28	YES	8.54
2/1000	1.21	43	52.03	12	7.7	28	YES	8.75
3/1000	1.16	43	49.88	12	7.7	28	YES	8.33
4/1000	1.09	43	46.87	12	7.7	28	YES	8.96
5/0945	1.05	43	45.15	12	7.7	28	YES	8.54
6/1000	1.0	43	43	12	7.7	27	YES	8.33
7/6900	.97	43	41.71	12	7.7	27	YES	8.33
8/1030	.96	43	41.28	12	7.7	27	YES	8.96
9/1000	1.02	43	43.86	12	7.7	28	YES	8.13
10/1000	1.08	43	46.44	12	7.7	28	YES	8.33
11/1000	1.13	43	48.59	12	7.7	28	YES	7.71
12/1025	1.20	43	51.60	12	7.7	28	YES	6.46
13/1000	1.20	43	51.60	12	7.7	28	YES	6.67
14/1050	1.18	43	50.74	12	7.7	28	YES	9.38
15/1000	1.27	43	54.61	12	7.7	28	YES	8.33
16/1000	1.30	43	55.90	12	7.7	28	YES	8.33
17/1000	1.33	43	57.19	12	7.7	28	YES	8.33
18/0945	1.40	43	60.20	12	7.7	28	YES	8.33
19/0930	1.40	43	60.20	12	7.7	28	YES	5.42
20/0945	1.40	43	60.20	12	7.7	28	YES	6.04
21/1030	1.40	43	60.20	12	7.7	28	YES	8.13
22/1000	1.40	43	60.20	12	7.7	28	YES	6.46
23/1000	1.41	43	60.63	12	7.7	28.9	YES	9.58
24/1000	1.42	43	61.06	12	7.7	28.9	YES	8.13
25/1020	1.42	43	61.06	12	7.7	29	YES	11.46
26/1000	1.27	43	54.61	12	7.7	28	YES	8.33
27/1000	1.12	43	48.16	12	7.7	28	YES	12.29
28/1000	1.07	43	46.01	12	7.7	28	YES	12.92
29/1015	1.05	43	45.15	12	7.7	28	YES	15.63
30/1000	1.11	43	47.73	12	7.7	28	YES	10.21
31/1000	1.16	43	49.88	12	7.7	28	YES	12.71

² If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWP by end of next business day.

SOURCE NAME: LAKE CREEK

OCTOBER

OREGON CAVES NATIONAL MONUMENT

MONTH OCTOBER YEAR 2022

10000 ... ES HIGHWAY

TEST LOCATION CODES:

CAVE JUNCTION, OREGON 97523

1-541-592-2100

1 - INFORMATION BOOTH

4 - V.C

2 - Chalet

5 - CHATEAU

3 - WATER FOUNTAIN

6 - GUIDE HOUSE

PSW ID#: 419 1998

DAY	INITIALS	CHLORINE		TIME	TEST LOCATION	B TANK CHLORINE ADDED	CHLORINE		METER READING	GAL USED	TURBIDITY		REMARKS
		RESIDUAL					Set.	Res.			RAW	FINISHED	
		4	SYS										
1	EW	1.25	2	1000	2	0	4.5	1.25	47592500	4100	.270	.070	NO CHANGES
2	EW	1.21	2	1000	2	0	4.5	1.21	47602100	4200	.270	.077	NO CHANGES
3	EW	1.16	2	1000	2	0	4.5	1.16	47600100	4000	.270	.072	NO CHANGES
4	EW	1.09	2	1000	2	0	4.5	1.09	47611000	4300	.270	.053	NO CHANGES
5	EW	1.05	2	0945	2	0	4.5	1.05	47605100	4100	.270	.055	CHANGED 1,2,3,4
6	EW	1.0	2	1000	2	0	4.5	1.0	47601000	4000	.269	.040	NO CHANGES
7	EW	.97	2	0900	2	4000NL	5	.97	47623100	4000	.268	.042	BATCHED 4000 NL
8	EW	.96	2	1030	2	0	5	.96	47627400	4300	.268	.043	CHANGED #1
9	EW	1.02	2	1000	2	0	5	1.02	47603000	3900	.268	.045	NO CHANGES
10	EW	1.08	2	1000	2	0	5	1.08	47605300	4000	.268	.046	NO CHANGES
11	EW	1.13	2	1000	2	0	5	1.13	47609000	3700	.269	.049	NO CHANGES
12	EW	1.20	2	1035	2	0	5	1.20	47642100	3100	.270	.052	NO CHANGES
13	EW	1.20	2	1000	2	0	5	1.20	47645000	3200	.270	.053	NO CHANGES
14	EW	1.18	2	1000	2	4000NL	5	1.18	47649800	4500	.270	.043	CHANGED 1&2/BATCHED 4000NL
15	EW	1.27	2	1000	2	0	5	1.27	47653000	4000	.270	.044	NO CHANGES
16	EW	1.30	2	1000	2	0	5	1.30	47657800	4000	.270	.047	NO CHANGES
17	EW	1.33	2	1000	2	0	5	1.33	47661800	4000	.270	.054	NO CHANGES
18	EW	1.40	2	0945	2	0	5	1.40	47665800	4000	.270	.065	NO CHANGES
19	EW	1.40	2	0830	2	0	5	1.40	47668400	2600	.270	.066	NO CHANGES
20	EW	1.40	2	0945	2	0	5	1.40	47671300	2800	.270	.067	NO CHANGES
21	EW	1.40	2	1030	2	0	5	1.40	47675200	3900	.270	.068	NO CHANGES
22	EW	1.40	2	1000	2	4400NL	5	1.40	47678300	3100	.272	.079	CHANGED 1,2,3,4/BATCHED 4400 NL
23	EW	1.41	2	1000	2	0	5	1.41	47682100	4600	.273	.072	NO CHANGES
24	EW	1.42	2	1030	2	0	5	1.42	47686800	3900	.273	.051	NO CHANGES
25	EW	1.42	2	1210	2	0	5	1.42	47690300	5500	.274	.069	CHANGED 1,2,3,4
26	EW	1.27	2	1000	2	0	5	1.27	47696300	4000	.273	.061	NO CHANGES
27	EW	1.12	2	1000	2	0	5	1.12	47702200	5900	.272	.054	NO CHANGES
28	EW	1.07	2	1000	2	5200NL	5	1.07	47708400	6200	.272	.062	BATCHED 5200 NL
29	EW	1.05	2	1215	2	0	5	1.05	47715100	7500	.274	.065	CHANGED 1,2,3
30	EW	1.11	2	1000	2	0	5	1.11	47720800	4900	.274	.066	
31	EW	1.16	2	1000	2	0	5	1.16	47726500	6100	.274	.069	