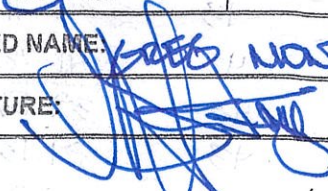


# MAY 2022

## 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 <sup>1</sup> [NTU]
1	42	32	10	25	.062	.79
2	42	30	12	25	.063	.19
3	42	33	9	25	.064	1.0
4	42	30	12	25	.068	.62
5	42	28	14	25	.068	.74
6	42	25	17	25	.070	1.0
7	43	33	10	25	.060	.35
8	42	28	14	25	.063	.22
9	42	23	19	25	.066	.19
10	42	31	8	25	.067	1.0
11	42	30	12	25	.068	.65
12	42	27	15	25	.070	1.0
13	42	31	11	25	.075	1.0
14	42	29	13	25	.076	.51
15	42	26	16	25	.078	.34
16	42	24	18	25	.080	.40
17	42	21	21	25	.085	.15
18	42	32	10	25	.052	1.0
19	42	30	12	25	.060	.41
20	42	29	13	25	.062	.75
21	42	28	14	25	.067	1.0
22	42	27	15	25	.066	.37
23	42	25	17	25	.067	.52
24	42	31	8	25	.070	.41
25	42	33	9	25	.060	.65
26	42	31	11	25	.062	.29
27	42	30	12	25	.065	.33
28	42	32	10	25	.062	.71
29	42	30	12	25	.069	.41
30	42	27	15	25	.073	.35
31	42	24	18	25	.066	.26

<b>Cartridge Filtration</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	<b>Monthly Summary (Answer Yes or No)</b>  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
<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.	<b>PRINTED NAME:</b> <u>KRISTEN MONTAGUE</u>  <b>SIGNATURE:</b>   <b>DATE:</b> <u>6.1.2022</u>  <b>PHONE #:</b> <u>(541) 592-2100</u> <u>Ext. 2255</u>  <b>CERT #:</b> <u>D-09444</u>

Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in "Daily Turbidity Reading" Column may not correspond to continuous readings' maximum

# MAY 2022

## 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 <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 Hourly Demand Flow
	[ppm or mg/L]	[minutes]	CXT	[° C]		Use tables	Yes / No	[GPM]
1/1000	.90	43	38.70	12	7.7	27	YES	16.25
2/1000	.92	43	39.56	12	7.7	27	YES	16.67
3/1000	.95	43	40.85	12	7.7	27	YES	17.08
4/1000	1.00	43	45.58	12	7.7	28	YES	15
5/6900	1.10	43	47.30	12	7.7	28	YES	16.46
6/1015	1.10	43	47.30	12	7.7	28	YES	17.29
7/1050	.90	43	38.70	12	7.7	27	YES	15.63
8/1000	.88	43	37.84	12	7.7	27	YES	16.66
9/1020	.85	43	36.55	12	7.7	27	YES	17.92
10/620	.85	43	36.55	12	7.7	27	YES	15
11/1000	1.05	43	45.15	12	7.7	28	YES	16.25
12/6900	1.14	43	49.02	12	7.7	28	YES	16.88
13/6200	.95	43	40.85	12	7.7	27	YES	17.29
14/1000	1.02	43	43.86	12	7.7	28	YES	12.50
15/1000	1.44	43	61.92	12	7.7	29	YES	12.29
16/6200	1.51	43	64.93	12	7.7	29	YES	14.79
17/6200	1.56	43	67.08	12	7.7	29	YES	10.83
18/6200	1.42	43	61.06	12	7.7	29	YES	10.62
19/1000	1.19	43	51.17	12	7.7	28	YES	11.67
20/6200	.99	43	42.57	12	7.7	27	YES	12.29
21/1415	1.17	43	50.31	12	7.7	28	YES	13.13
22/1000	1.09	43	46.87	12	7.7	28	YES	17.50
23/6200	1.05	43	45.15	12	7.7	28	YES	14.17
24/6145	.97	43	41.71	12	7.7	27	YES	14.79
25/6200	.91	43	39.13	12	7.7	27	YES	13.96
26/6000	.95	43	40.85	12	7.7	27	YES	16.88
27/1000	.97	43	41.71	12	7.7	27	YES	15.83
28/1020	.96	43	41.28	12	7.7	27	YES	15
29/6200	.92	43	39.56	12	7.7	27	YES	16.88
30/6900	.91	43	39.13	12	7.7	27	YES	16.88
31/6915	.90	43	38.70	12	7.7	27	YES	17.92

<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.

# MAY 2022

SOURCE NAME: LAKE CREEK  
 MONTH: May YEAR: 2022  
 TEST LOCATION CODES:  
 1 - INFORMATION BOOTH  
 2 - Chalet  
 3 - WATER FOUNTAIN  
 4 - V.P.  
 5 - CHATEAU  
 6 - GUIDE HOUSE

ADDRESS: OREGON CAVES NATIONAL MONUMENT  
 19000 CAVES HIGHWAY  
 CAVE JUNCTION, OREGON 97523  
 1-541-592-2100  
 PSW ID#: 419 1998

WAST DDB: 41675300

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	AN	.90	2	1000	2	0	4.0	.90	41675300	7800	.210	.012	NO CHANGES
2	AN	.92	2	1000	2	0	4.0	.92	41675300	8000	.210	.013	NO CHANGES
3	AN	.95	2	1000	2	2000ul	4.0	.95	41675300	8200	.210	.014	CHANGED FILTERS/BROU 2000ul
4	AN	1.06	2	1000	2	0	4.0	1.06	41675300	7200	.212	.018	NO CHANGES
5	AN	1.10	2	0900	2	0	4.0	1.10	41675300	7900	.213	.018	CHANGED 18.4
6	AN	1.10	2	0745	2	0	4.0	1.10	41675300	8300	.215	.010	NO CHANGES
7	AN	.90	2	0800	2	31600ul	4.0	.90	41675300	15000	.212	.010	CHANGED ALL FILTERS/BROU 31600ul
8	AN	.88	2	1000	2	0	4.0	.88	41675300	8000	.212	.013	NO CHANGES
9	AN	.85	2	1030	2	0	4.0	.85	41675300	8400	.212	.016	NO CHANGES
10	AN	.85	2	1020	2	0	4.0	.85	41675300	7800	.212	.017	CHANGED 12.3, 8.4
11	AN	1.05	2	1000	2	0	4.0	1.05	41675300	1800	.212	.018	NO CHANGES
12	AN	1.14	2	0900	2	4800ul	4.0	1.14	41675300	2100	.212	.010	NO CHANGES
13	AN	.95	2	0830	2	0	4.0	.95	41675300	8300	.212	.015	NO CHANGES
14	AN	1.02	2	1000	2	0	4.0	1.02	41675300	10000	.214	.016	NO CHANGES
15	AN	1.44	2	1000	2	0	4.0	1.44	41675300	9200	.211	.018	NO CHANGES
16	AN	1.51	2	1030	2	0	4.0	1.51	41675300	7100	.210	.010	NO CHANGES
17	AN	1.56	2	0730	2	0	4.0	1.56	41675300	5200	.211	.015	NO CHANGES
18	AN	1.42	2	0930	2	4000ul	4.0	1.42	41675300	5100	.212	.052	CHANGED 4000ul/CHANGED ALL FILTERS
19	AN	1.19	2	0800	2	0	4.0	1.19	41675300	8000	.212	.010	NO CHANGES
20	AN	.99	2	0755	2	0	4.0	.99	41675300	5900	.213	.012	NO CHANGES
21	AN	1.17	2	1145	2	0	4.0	1.17	41675300	10300	.218	.014	NO CHANGES
22	AN	1.09	2	1000	2	0	4.0	1.09	41675300	8400	.213	.016	NO CHANGES
23	AN	1.05	2	1030	2	0	4.0	1.05	41675300	10300	.212	.017	CHANGED 4800ul
24	AN	.97	2	0745	2	4800ul	4.0	.97	41675300	1100	.212	.010	CHANGED 12.3, 8.4
25	AN	.91	2	0800	2	0	4.0	.91	41675300	10100	.212	.010	NO CHANGES
26	AN	.95	2	0900	2	0	4.0	.95	41675300	8100	.212	.012	NO CHANGES
27	AN	.97	2	1000	2	4000ul	4.0	.97	41675300	7000	.212	.015	CHANGED 4000ul/CHANGED ALL FILTERS
28	AN	.91	2	1130	2	0	4.0	.91	41675300	7200	.213	.012	NO CHANGES
29	AN	.92	2	0830	2	0	4.0	.92	41675300	8100	.212	.019	NO CHANGES
30	AN	.91	2	0900	2	0	4.0	.91	41675300	8100	.212	.013	NO CHANGES
31	AN	.90	2	0915	2	0	4.0	.90	41675300	8100	.213	.016	CHANGED 18.2