

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: **01/2022**

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	30	12	25	.253	.50
2	42	28	14	25	.254	.65
3	42	26	16	25	.255	.70
4	42	30	12	25	.255	.45
5	42	26	16	25	.256	.825
6	42	22	20	25	.256	.75
7	42	32	10	25	.256	1.0
8	42	30	12	25	.256	.83
9	42	28	14	25	.257	.75
10	42	24	18	25	.257	.82
11	42	33	9	25	.257	.60
12	42	22	20	25	.257	.32
13	42	33	9	25	.257	.70
14	42	30	12	25	.258	1.0
15	42	31	11	25	.259	1.0
16	42	30	12	25	.258	.82
17	42	30	12	25	.258	.60
18	42	30	12	25	.257	.45
19	42	30	12	25	.257	.80
20	42	29	13	25	.258	.60
21	42	27	15	25	.258	.45
22	42	26	16	25	.258	.78
23	42	28	14	25	.257	.82
24	42	27	15	25	.257	1.0
25	42	26	16	25	.257	.70
26	42	25	17	25	.259	1.0
27	42	29	13	25	.259	.45
28	42	32	10	25	.258	.45
29	42	30	12	25	.258	.32
30	42	30	12	25	.258	.36
31	42	30	12	25	.259	.42

Cartridge Filtration 95% of daily turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes / No All daily turbidity readings ≤ 5 NTU? <input checked="" type="radio"/> Yes / No	Monthly Summary (Answer Yes or No) CT's met everyday? (see back) <input checked="" type="radio"/> Yes / No All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> 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 M. John SIGNATURE: <i>David M. John</i> DATE: 02-01-2022 PHONE #: (541) 582-2100 EX2256 CERT #: D-09445

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

OHA - Drinking Water Program - Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP-: WTP-A Month/Year: 01/2022

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]
1/1000	1.0	43	43	13	7.7	27	YES	25
2/1030	1.20	43	51.60	13	7.7	28	YES	23.95
3/1020	1.50	43	64.50	13	7.7	29	YES	22.92
4/1015	1.50	43	64.50	13	7.7	29	YES	22.92
5/1030	1.40	43	60.20	13	7.7	28	YES	16.25
6/1100	1.30	43	55.90	13	7.7	28	YES	16.46
7/1120	1.20	43	51.60	13	7.7	28	YES	14.58
8/1000	1.20	43	51.60	13	7.7	28	YES	15.83
9/1000	1.20	43	51.60	13	7.7	28	YES	16.25
10/1000	1.20	43	51.60	13	7.7	28	YES	16.04
11/1100	1.50	43	51.6	13	7.7	28	YES	16.04
12/1020	1.30	43	55.90	13	7.7	28	YES	41.66
13/1100	1.40	43	60.20	13	7.7	28	YES	37.29
14/1000	1.60	43	68.80	13	7.7	29	YES	50
15/1120	1.70	43	73.10	13	7.7	30	YES	51.25
16/1000	1.50	43	64.50	13	7.7	29	YES	2.5
17/1000	1.20	43	51.60	13	7.7	28	YES	—
18/1000	1.0	43	43	13	7.7	27	YES	—
19/1030	.85	43	36.55	13	7.7	27	YES	—
20/1000	.75	43	32.25	13	7.7	26	YES	33.33
21/1020	.75	43	32.25	13	7.7	26	YES	33.33
22/1100	.50	43	21.50	13	7.7	26	YES	32.50
23/1000	.50	43	21.50	13	7.7	26	YES	30.83
24/1000	.50	43	21.50	13	7.7	26	YES	35.83
25/1030	.50	43	21.50	13	7.7	26	YES	45.83
26/1120	.50	43	21.50	13	7.7	26	YES	—
27/1130	.65	43	27.95	13	7.7	26	YES	46.25
28/1300	.65	43	27.95	13	7.7	26	Yes	0.20
29/1030	1.0	43	43	13	7.7	27	Yes	0.78
30/1050	1.0	43	43	13	7.7	27	Yes	0.15
31/1000	.65	43	27.95	13	7.7	26	Yes	0.15

² If Cl₂ 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

JANUARY 2022

SOURCE: CREEK
 MONTH: YEAR
 TEST LOCATION CODES:

- 1 - INFORMATION BOOTH
- 2 - Chateau
- 3 - WATER FOUNTAIN
- 4 - V.C.
- 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

USA 020-4579700

DAY	INITIALS	CHLORINE RESIDUAL		TIME	TEST LOCATION	B TANK CHLORINE ADDED	CHLORINE		METER READING	GAL USED	TURBIDITY		REMARKS
		4	5				Res.	FINISHED					
1	GM	1.0	2	1000	2	0	5.0	1.0	4581100	17000	.253	.056	NO CHANGES
2	GM	1.20	2	1030	2	0	5.0	1.70	4582100	17500	.254	.060	NO CHANGES
3	GM	1.50	2	1030	2	0	5.0	1.50	4583100	11000	.255	.075	"
4	GM	1.50	2	1030	2	7000ML	5.0	1.50	4584100	11000	.255	.060	CHANGED 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31
5	GM	1.40	2	1030	2	0	5.0	1.40	4585100	7800	.256	.063	NO CHANGES
6	GM	1.30	2	1100	2	0	5.0	1.30	4586500	7900	.256	.068	NO CHANGES
7	GM	1.20	2	1130	2	4000ML	5.0	1.20	4587200	7000	.256	.070	CHANGED ALL FILTERS / FEELS 4000 ML
8	GM	1.20	2	1000	2	0	5.0	1.70	4588000	7600	.256	.071	NO CHANGES
9	GM	1.20	2	1300	2	0	5.0	1.20	4588800	7800	.257	.074	NO CHANGES
10	GM	1.20	2	1400	2	0	5.0	1.70	4589500	7100	.257	.080	CHANGED 1, 2
11	GM	1.20	2	1100	2	4000ML	5.0	1.20	4590300	7100	.257	.062	CAPTURED 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31
12	GM	1.30	2	1030	2	0	5.0	1.30	4591100	20000	.257	.062	NO CHANGES
13	GM	1.40	2	1100	2	5000ML	5.0	1.50	4594100	17900	.257	.058	CHANGED 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31
14	GM	1.60	2	1000	2	0	5.0	1.60	4595200	24000	.258	.062	NO CHANGES
15	GM	1.70	2	1130	2	6800ML	5.0	1.70	4595900	24600	.259	.071	CHANGED 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31
16	GM	1.50	2	1000	2	0	5.0	1.50	4597100	1200	.258	.072	PLANT START OFF
17	GM	1.20	2	1000	2	0	5.0	1.20	4597100	8	.258	.065	NO CHANGES
18	GM	1.0	2	1000	2	0	5.0	1.0	4597100	0	.257	.060	NO CHANGES
19	GM	.85	2	0930	2	0	5.0	.85	4597100	0	.257	.060	NO CHANGES
20	GM	.75	2	1000	2	6000ML	5.0	.75	4600100	16000	.258	.070	NO CHANGES / PLANT ON
21	GM	.75	2	1030	2	0	5.0	.75	4602100	16000	.258	.068	NO CHANGES
22	GM	.50	2	1100	2	0	5.0	.50	4603800	15600	.258	.067	NO CHANGES
23	GM	.50	2	1000	2	0	5.0	.50	4605800	14800	.257	.068	CHANGED #2
24	GM	.50	2	1000	2	10000ML	5.0	.50	4607000	17200	.257	.062	CHANGED #1 EXTRA 6000 ML
25	GM	.50	2	0930	2	0	5.0	.50	4607700	27000	.257	.065	CHANGED #4
26	GM	.60	2	1130	2	0	5.0	.60	4609700	2000	.259	.080	NO CHANGES
27	GM	.65	2	1130	2	4000ML	5.0	.65	4611500	22200	.259	.072	CHANGED 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31
28	D-J	.65	2	800	2	0	5.0	.65	46151200	100	.258	.072	NO CHANGES
29	D-J	1.00	2	900	2	0	5.0	1.00	46151350	150	.258	.072	NO CHANGES
30	Dms	1.00	2	800	2	0	5.0	1.00	46151485	75	.258	.072	NO CHANGES
31	Dms	.65	2	1200	2	0	5.0	.65	4615500	75	.259	.076	NO CHANGES