

DECEMBER 2021

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	24	18	25	.250	.63
2	42	22	20	25	.250	.49
3	42	20	22	25	.250	.65
4	42	34	8	25	.250	.47
5	42	32	10	25	.250	.65
6	42	31	11	25	.250	.34
7	42	30	12	25	.250	.42
8	42	25	17	25	.251	.62
9	42	28	14	25	.252	.53
10	42	23	19	25	.252	.39
11	42	33	9	25	.252	.65
12	42	32	10	25	.251	.48
13	42	30	12	25	.250	.35
14	42	28	14	25	.250	.65
15	42	32	10	25	.250	.42
16	42	30	12	25	.250	.32
17	42	32	10	25	.252	.65
18	42	30	12	25	.251	.46
19	42	28	14	25	.252	.65
20	42	32	10	25	.252	.39
21	42	30	12	25	.253	.42
22	42	34	8	25	.253	.60
23	42	33	9	25	.250	.65
24						
25						
26						
27						
28						
29						
30						
31	42	20	10	25	.253	.65

SNOW EVENT
 (OFF / NO ACCESS)

Cartridge Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? All daily turbidity readings ≤ 5 NTU?	Yes / No Yes / No	CT's met everyday? (see back) Yes / No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? 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: JAMES MONTAGE	DATE: 12-31-21
		SIGNATURE: [Signature]	CERT #: D-09444
		PHONE #: 541 592-2100 x 2255	

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

DECEMBER 2021

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 / 1000	1.60	43	68.8	13	7.7	29	YES	8.33
2 / 1200	1.60	43	68.8	13	7.7	29	YES	9.58
3 / 1300	1.60	43	68.8	13	7.7	29	YES	14.79
4 / 1300	1.50	43	64.5	13	7.7	29	YES	12.92
5 / 1000	1.50	43	64.5	13	7.7	29	YES	9.16
6 / 1000	1.50	43	64.5	13	7.7	29	YES	8.95
7 / 1000	1.50	43	64.5	13	7.7	29	YES	8.54
8 / 1300	1.50	43	64.5	13	7.7	29	YES	13.13
9 / 1400	1.50	43	64.5	13	7.7	29	YES	13.13
10 / 1500	1.50	43	64.5	13	7.7	29	YES	10
11 / 600	1.50	43	64.5	13	7.7	29	YES	8.54
12 / 700	1.50	43	64.5	13	7.7	29	YES	8.33
13 / 700	1.50	43	64.5	13	7.7	29	YES	7.91
14 / 700	1.50	43	64.5	13	7.7	29	YES	7.29
15 / 1100	1.50	43	64.5	13	7.7	29	YES	5.83
16 / 700	1.50	43	64.5	13	7.7	29	YES	6.66
17 / 1000	1.50	43	64.5	13	7.7	29	YES	9.37
18 / 800	1.50	43	64.5	13	7.7	29	YES	6.25
19 / 820	1.50	43	64.5	13	7.7	29	YES	6.87
20 / 900	1.50	43	64.5	13	7.7	29	YES	7.91
21 / 1800	1.50	43	64.5	13	7.7	29	YES	7.50
22 / 800	1.50	43	64.5	13	7.7	29	YES	6.25
23 / 900	1.50	43	64.5	13	7.7	29	YES	10.00
24 /								
25 /								
26 /								
27 /								
28 /								
29 /								
30 /								
31 / 1120	1.0	43	43	13	7.7	27	YES	8.33

SNOW EVENT
OFF / NO ACCESS

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

ADDRESS: OREGON CAVES NATIONAL MONUMENT

MONTH DECEMBER YEAR 2021

19000 CAVES HIGHWAY

TEST LOCATION CODES:

CAVE JUNCTION, OREGON 97523

1 - INFORMATION BOOTH

4 - V.C

1-541-592-2100

2 - Chalet

5 - CHATEAU

3 - WATER FOUNTAIN

6 - GUIDE HOUSE

PSW ID#: 419 1998

LAST LOG: 45710500

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	EW	1.60	2	1000	2	0	5.0	1.60	45674500	4000	.250	.058	NO CHANGES
2	EW	1.60	2	1230	2	0	5.0	1.60	45679100	4100	.250	.061	NO CHANGES
3	EW	1.60	2	1130	2	0	5.0	1.60	45686200	7100	.250	.092	NO CHANGES
4	EW	1.50	2	1300	2	4000 NL	5.0	1.50	45692400	6200	.250	.051	CHANGED 1,2,3,4 BATCHED 4000 NL
5	EW	1.50	2	1000	2	0	5.0	1.50	45696800	4400	.250	.098	NO CHANGES
6	EW	1.50	2	1000	2	0	5.0	1.50	45701100	4300	.250	.051	NO CHANGES
7	EW	1.50	2	1000	2	0	5.0	1.50	45705200	4100	.250	.052	NO CHANGES
8	EW	1.50	2	1300	2	0	5.0	1.50	45711500	6300	.251	.055	NO CHANGES
9	EW	1.50	2	1400	2	5200 NL	5.0	1.50	45717800	6300	.252	.059	CHANGED #2 & BATCHED 5200 NL
10	EW	1.50	2	1500	2	0	5.0	1.50	45722000	4800	.252	.060	NO CHANGES
11	EW	1.50	2	0900	2	1600 NL	5.0	1.50	45726100	4100	.252	.048	CHANGED 1,2,4 BATCHED 1600 NL
12	DmJ	1.50	2	0900	2	0	5.0	1.50	45730700	4000	.251	.046	NO CHANGES
13	DmJ	1.50	2	0800	2	0	5.0	1.50	45734500	3800	.250	.051	NO CHANGES
14	DmJ	1.50	2	0900	2	0	5.0	1.50	45738000	3500	.250	.048	NO CHANGES
15	DmJ	1.50	2	1100	2	0	5.0	1.50	45740800	2800	.250	.046	CHANGED #1,2 Filter
16	DmJ	1.50	2	0900	2	5200 mL	5.0	1.50	45744100	3200	.250	.052	Batched 5200 mL
17	DmJ	1.50	2	1000	2	0	5.0	1.50	45747500	4500	.252	.056	NO CHANGES
18	DmJ	1.50	2	0800	2	0	5.0	1.50	45751500	3000	.251	.051	CHANGED #3,4 Filter
19	DmJ	1.50	2	0830	2	0	5.0	1.50	45754800	3300	.252	.048	NO CHANGES
20	DmJ	1.50	2	0900	2	0	5.0	1.50	45758000	3800	.252	.052	NO CHANGES
21	DmJ	1.50	2	0800	2	0	5.0	1.50	45762200	3600	.253	.056	NO CHANGES
22	DmJ	1.50	2	0900	2	6000 mL	5.0	1.50	45765200	3000	.253	.060	CHANGED #1,2,3,4 Batched 6000 mL
23	DmJ	1.50	2	0900	2	0	5.0	1.50	45770000	4800	.250	.048	NO CHANGES
24													
25													
26													
27													
28													
29													
30													
31	EW	1.0	2	1130	2	1600 NL	5.0	1.0	45799100	4000	.253	.056	CHANGED 1,2,3,4 BATCHED 1600 NL

SNOW EVENT
(OFF/NO ACCESS)