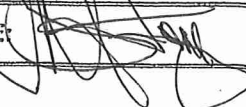


OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Josephine Cartridge or Bag Filtration

System Name: NPS OREGON CAVES NATL MON ID #: OR4191998 WTP: WTP-A Month/Year: Jan/2021

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	40	30	10	25	.178	.191
2	40	32	8	25	.176	.190
3	40	32	8	25	.178	.187
4	40	30	10	25	.176	.185
5	42	33	9	25	.179	.198
6	40	30	10	25	.178	.198
7	40	33	7	25	.181	.199
8	40	30	10	25	.181	.189
9	40	30	10	25	.180	.189
10	40	32	8	25	.181	.198
11	40	30	10	25	.180	.189
12	40	30	10	25	.181	.188
13	40	29	11	25	.183	.190
14	40	27	13	25	.182	.192
15	40	33	7	25	.183	.194
16	40	32	8	25	.183	.194
17	40	32	8	25	.182	.192
18	40	30	10	25	.182	.194
19	40	32	8	25	.182	.192
20	40	31	9	25	.183	.194
21	40	30	10	25	.183	.190
22	40	31	9	25	.187	.195
23	40	29	11	25	.188	.197
24	40	28	12	25	.187	.198
25	40	26	14	25	.186	.194
26	40	32	8	25	.185	.195
27	42	31	8	25	.187	.199
28	SNOW EVENING					
29	42	34	8	25	.187	.199
30	40	32	8	25	.186	.196
31	40	30	10	25	.186	.195

Cartridge Filtration 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	Monthly Summary (Answer Yes or No) CT's met everyday? (see back) <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> 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: <u>ARIEB NAUTAHOVE</u> SIGNATURE:  DATE: <u>1-31-2021</u> PHONE #: <u>(541) 1892-2400</u> <u>x 2255</u> CERT #: <u>D-09444</u>

FEB 08 2021
Data Mgmt & Compliance
Drinking Water Program

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: JAN/2021

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]	C X T	[° C]		Use tables	Yes / No	[GPM]
1 / 0900	1.0	300	300	17	7.7	30	YES	25
2 / 0900	1.0	300	300	17	7.7	30	YES	25
3 / 0800	1.0	300	300	17	7.7	30	YES	25
4 / 1100	1.0	300	300	17	7.7	30	YES	25
5 / 1430	.50	300	150	17	7.7	30	YES	25
6 / 0900	.50	300	150	17	7.7	30	YES	25
7 / 1015	.50	300	150	17	7.7	30	YES	25
8 / 1045	.50	300	150	17	7.7	30	YES	25
9 / 0800	.50	300	150	17	7.7	30	YES	25
10 / 0900	.50	300	150	17	7.7	30	YES	25
11 / 1030	.50	300	150	17	7.7	30	YES	25
12 / 1130	.60	300	180	17	7.7	30	YES	25
13 / 0900	.50	300	150	17	7.7	30	YES	25
14 / 0900	.50	300	150	17	7.7	30	YES	25
15 / 1100	.50	300	150	17	7.7	30	YES	25
16 / 0900	.50	300	150	17	7.7	30	YES	25
17 / 1000	.50	300	150	17	7.7	30	YES	25
18 / 0900	.50	300	150	17	7.7	30	YES	25
19 / 0900	.50	300	150	17	7.7	30	YES	25
20 / 0900	.50	300	150	17	7.7	30	YES	25
21 / 0900	.50	300	150	17	7.7	30	YES	25
22 / 0900	.50	300	150	17	7.7	30	YES	25
23 / 0900	.50	300	150	17	7.7	30	YES	25
24 / 0900	.50	300	150	17	7.7	30	YES	25
25 / 0900	.50	300	150	17	7.7	30	YES	25
26 / 0900	.50	300	150	17	7.7	30	YES	25
27 /	SNOW EVENT							
28 /	SNOW EVENT							
29 / 0900	1.10	300	330	17	7.7	30	YES	25
30 / 1000	1.00	300	300	17	7.7	30	YES	25
31 / 1100	1.00	300	300	17	7.7	30	YES	25

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

SOURCE NAME: LAKE CREEK
 MONTH JANUARY YEAR 2021
 TEST LOCATION CODES:
 1 - INFORMATION BOOTH
 2 - Chalet
 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

(4335200)

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	DMS	1.0	4	0900	2	0	4.5	1.0	4325800	15800	.173	.085	NO CHANGES
2	DMS	1.0	4	0900	2	0	4.5	1.0	4325400	16900	.178	.085	NO CHANGES
3	DMS	1.0	4	0800	2	0	4.5	1.0	4334900	15000	.178	.084	NO CHANGES
4	DMS	1.0	4	1100	2	10000 mL	4.5	1.0	4341500	16400	.179	.084	CHANGED #3,4. Batched 2000 mL
5	BN	.50	4	1430	2	0	4.5	.50	4342300	7500	.179	.087	CHANGED 1,2,3,4
6	DMS	.50	4	0900	2	4000 mL	4.5	.50	4344400	17500	.178	.088	Batched 4000 mL
7	BN	.50	4	1015	2	0	4.5	.50	4347400	17200	.181	.088	CHANGED 1,2,3,4
8	BN	.50	4	1015	2	52000 mL	4.5	.50	4348900	11100	.181	.081	BATCHED 52000 mL
9	DMS	.50	4	0800	2	0	4.5	.50	4347400	9000	.180	.081	NO CHANGES
10	DMS	.50	4	0900	2	0	4.5	.50	4348400	8500	.181	.080	NO CHANGES
11	DMS	.50	4	1030	2	60000 mL	4.5	.50	4349800	15000	.181	.081	Chemist #3,4. Batched 60000 mL
12	DMS	.60	4	1350	2	32000 mL	4.5	.60	4351400	13000	.180	.082	Chemist #1,2. Batched 32000 mL
13	BN	.50	4	0830	2	0	4.5	.50	4351200	7800	.183	.083	NO CHANGES
14	BN	.50	4	0900	2	0	4.5	.50	4351600	7600	.182	.084	NO CHANGES
15	BN	.50	4	1100	2	0	4.5	.50	4352000	7200	.183	.088	CHANGED 1,2,3,4
16	DMS	.50	4	0900	2	0	4.5	.50	4353450	14500	.180	.082	NO CHANGES
17	DMS	.50	4	1000	2	0	4.5	.50	43548300	13500	.182	.083	NO CHANGES
18	DMS	.50	4	0800	2	0	4.5	.50	43564300	16000	.181	.084	NO CHANGES
19	DMS	.50	4	1300	2	0	4.5	.50	43571200	12900	.182	.083	CHANGED #1,2,3,4.
20	BN	.50	4	0800	2	0	4.5	.50	4358400	7200	.183	.081	NO CHANGES
21	BN	.50	4	0845	2	32000 mL	4.5	.50	43591700	7900	.182	.081	CHANGED 1. Batched 32000 mL
22	BN	.50	4	1045	2	20000 mL	4.5	.50	4360700	10700	.187	.082	CHANGED 1,3,4. Batched 20000 mL
23	BN	.50	4	0900	2	0	4.5	.50	4361100	8600	.188	.083	NO CHANGES
24	BN	.50	4	0830	2	0	4.5	.50	4361900	8400	.187	.082	CHANGED 1,3,4
25	BN	.50	4	0930	2	0	4.5	.50	43627500	8100	.186	.082	NO CHANGES
26	BN	.50	4	1030	2	10000 mL	4.5	.50	4363400	8800	.185	.081	CHANGED 3,4. Batched 10000 mL
27	SABU												
28													
29	BN	1.10	4	1045	2	52000 mL	4.5	1.10	43641800	25500	.187	.080	CHANGED 1,2,3,4. Batched 52000 mL
30	DMS	1.00	4	1000	2	0	4.5	1.00	43651300	12600	.187	.081	NO CHANGES
31	DMS	1.00	4	1200	2	80000 mL	4.5	1.00	43665300	10900	.186	.050	CHANGED #1,2,3,4. Batched 80000 mL