JANUARY

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	32	10	25	.04	.49
2						
3						
4						
5						
6						
7	42	32	10	25		
8	42	31	11	25	.040	.49
9 0830	42	31	11	25	.042	.35
10	41	32	9	25	.040	.065
11	43	27	16	25	.039	.10
12	43	32	11	25	.040	.72
13	42	27	15	25	.035	.67
14	42	32	10	25	.044	1.0
15	42	31	11	25	.034	1.0
16	42	31	11	25	.031	.28
17	42	32	10	25	.032	.10
18	42	30	12	25	.032	.86
19	42	30	12	25	.033	.84
20	42	29	13	25	.034	.21
21	42	27	15	25	.044	.10
22	42	27	15	25	.049	.10
23	42	27	15	25	.050	.10
24	42	27	15	25	.054	.10
25	42	27	15	25	.057	.10
26	42	25	17	25	.062	.10
27	42	25	17	25	.065	.10
28	42	24	18	25	.066	.10
29	42	23	19	25	.067	.10
30	42	22	20	25	.078	.10
31	42	30	12	25	.080	.10
					.052	1.0

Cartridge Filtration

95% of daily turbidity readings ≤ 1 NTU? (Yes) / No
All daily turbidity readings ≤ 5 NTU? (Yes) / No

Monthly Summary (Answer Yes or 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: FRED MONTAGUE

SIGNATURE:

DATE: 2-1-2023

PHONE #: (541) 592-2100 x2255

CERT #: D-09444

[1] Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in "Daily Turbidity

JANUARY

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 1st 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 /								
2 /								
3 /								
4 /								
5 /								
6 /								
7 /1100	.71	43	30.53	12	7.7	26	YES	49.58
8 /1300	.70	43	30.10	12	7.7	26	Yes	45.23
9 /1330	.70	43	30.10	12	7.7	26	Yes	47.6
10 /1415	.70	43	30.10	12	7.7	26	YES	47.5
11 /1015	.72	43	30.96	12	7.7	26	YES	67.25
12 /1000	.95	43	40.85	12	7.7	27	YES	44.79
13 /0900	.84	43	36.12	12	7.7	27	YES	27.70
14 /1030	.95	43	40.85	12	7.7	27	YES	11.04
15 /1000	.90	43	38.70	12	7.7	27	YES	11.46
16 /1000	.84	43	36.12	12	7.7	27	YES	12.08
17 /1430	.70	43	30.10	12	7.7	26	Yes	35.41
18 /1000	.74	43	31.82	12	7.7	26	YES	10.42
19 /0930	.72	43	30.96	12	7.7	26	YES	9.58
20 /1000	.84	43	36.12	12	7.7	27	YES	12.92
21 /1245	1.05	43	45.15	12	7.7	28	YES	14.58
22 /1000	1.12	43	48.16	12	7.7	28	YES	13.13
23 /0930	1.24	43	53.32	12	7.7	28	YES	12.50
24 /1000	1.33	43	57.19	12	7.7	28	YES	14.58
25 /1130	1.48	43	63.64	12	7.7	29	YES	10.83
26 /0930	1.49	43	64.07	12	7.7	29	YES	11.46
27 /1000	1.52	43	65.36	12	7.7	29	YES	14.16
28 /1000	1.56	43	67.08	12	7.7	29	YES	14.79
29 /1000	1.60	43	68.80	12	7.7	30	YES	11.46
30 /0930	1.67	43	71.81	12	7.7	28	YES	20
31 /1000	1.21	43	52.03	12	7.7		YES	5.83

[2] If Cl_2 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

SOURCE NAME: LAKE CREEK
MONTH JAN YEAR 20
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

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													
2													
3													
4													
5													
6													
7	BM	.71	2	1100	2	4000 NL	6	.71	479[illegible]7200	23800	.287	.040	CHANGED 1,3,84 / BACKED 4000 NL
8	BM	.70	2	1000	2	"	6	.70	4802[illegible]9200	32000	.287	.042	NO CHANGES
9	DmS	.70	2	1300	2	"	6	.70	48038400	17500	.287	.045	Changed # 2,3,4 Filters
10	BM	.70	2	0945	2	6000 NL	6	.70	48062200	22800	.285	.039	CHANGED 1,3,84 / BACKED 6000 NL
11	BM	.72	2	1100	2	6000 NL	6	.72	48091600	29,400	.285	.040	CHANGED # 4 / BACKED 6000 NL
12	BM	.95	2	1000	2	"	7	.95	48113100	21,500	.287	.035	CHANGED 1,3,84
13	BM	.84	2	0900	2	7200 NL	7	.84	48126400	13300	.287	.044	CHANGED 2,4 / BACKED 7200 NL
14	BM	.95	2	1030	2	"	7	.95	48139700	5300	.287	.034	CHANGED #4
15	BM	.90	2	1000	2	"	7	.90	48[illegible]7200	5500	.287	.031	NO CHANGES
16	BM	.84	2	1000	2	"	7	.84	48143000	5800	.287	.032	NO CHANGES
17	DmS	.76	2	1330	2	"	7	.70	48148800	5300	.286	.032	Changed #2,4. Filters
18	BM	.74	2	1000	2	"		.74	48154[illegible]	5000	.287	.033	NO CHANGES
19	BM	.72	2	0900	2	7200 NL	7	.72	48[illegible]	4600	.287	.034	CHANGED 1,84 / BACKED 7200 NL
20	BM	.84	2	1000	2	"	7	.84	48164[illegible]	6200	.287	.044	NO CHANGES
21	BM	1.05	2	1245	2	5200 NL	7	1.05	48171[illegible]	7000	.287	.049	BACKED 5200 NL
22	BM	1.12	2	1000	2	0	7.5	1.12	48177900	6300	.287	.050	NO CHANGES
23	BM	1.24	2	0930	2	0	7.5	1.24	48185900	8000	.287	.054	NO CHANGES
24	BM	1.33	2	1000	2	0	7.5	1.33	48191000	7100	.287	.057	NO CHANGES
25	BM	1.48	2	1130	2	5200 NL	7	1.48	48196200	5200	.287	.062	BACKED 5200 NL
26	BM	1.49	2	0930	2	"	7	1.49	48201700	4500	.287	.065	NO CHANGES
27	BM	1.52	2	1000	2	"	7	1.52	48206500	4800	.287	.066	NO CHANGES
28	BM	1.56	2	1000	2	"	7	1.50	48215000	7100	.287	.069	NO CHANGES
29	BM	1.60	2	1000	2	"	7	1.60	48221100	5500	.287	.074	NO CHANGES
30	DmS	1.67	2	0900	2	"	7	1.67	48230700	9600	.284	.085	Changed #3,4
31	BM	1.21	2	1000	2	6800 NL	7	1.21	48235500	7800	.287	.052	CHANGED #1 / BACKED 6800 NL