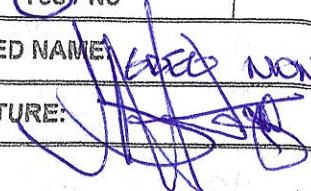


MARCH 2022

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 ¹ [NTU]
1	42	30	12	25	.082	.20
2	42	34	8	25	.052	1.0
3	43	32	11	25	.064	.43
4	42	30	12	25	.071	.31
5	42	31	11	25	.074	.60
6	42	30	12	25	.075	.48
7	42	28	14	25	.078	.72
8	42	26	16	25	.081	.40
9	42	31 31	8 8	25	.083	.54
10	42	33	9	25	.071	.63
11	42	33	9	25	.073	.96
12	42	27	15	25	.080	.59
13	43	25	18	25	.071	.92
14	42	23	19	25	.073	.47
15	42	21	21	25	.077	.34
16	42	32	10	25	.078	1.0
17	42	29	13	25	.075	.32
18	42	26	16	25	.076	.29
19	42	31	8	25	.065	1.0
20	42	31	11	25	.066	.63
21	42	28	14	25	.071	.35
22	42	24	18	25	.072	.30
23	42	34	8	25	.062	.35
24	42	32	10	25	.064	.59
25	43	27	16	25	.061	.74
26	42	32	10	25	.060	1.0
27	42	29	13	25	.062	.47
28	42	25	17	25	.062	.32
29	42	29	13	25	.067	.86
30	42	35	7	25	.077	.44
31	42	32	10	25	.084	.87

Cartridge Filtration		Monthly Summary (Answer Yes or No)	
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	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: <u>KEVIN MONTAGUE</u> SIGNATURE:  DATE: <u>4.1.22</u>	
		PHONE #: <u>541 1592-2100</u> <u>Ext. 2255</u>	CERT #: <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.

MARCH 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 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]
1/0900	1.50	43	64.50	13	7.7	29	YES	7.08
2/0930	1.60	43	68.8	12	7.7	29	YES	11.26
3/1000	1.55	43	66.65	12	7.7	29	YES	10.42
4/1030	1.50	43	64.50	12	7.7	29	YES	12.08
5/1100	1.50	43	64.50	12	7.7	29	YES	8.75
6/1130	1.40	43	60.20	12	7.7	28	YES	14.10
7/1200	1.20	43	51.60	12	7.7	28	YES	15.42
8/1230	1.20	43	51.60	12	7.7	28	YES	12.29
9/1300	1.0	43	43	12	7.7	27	YES	16.64
10/1330	1.10	43	47.30	12	7.7	28	YES	23.75
11/1330	1.0	43	43	12	7.7	27	YES	39.16
12/1400	1.10	43	47.30	12	7.7	28	YES	58.30
13/1430	1.20	43	51.60	12	7.7	28	YES	11.87
14/1500	1.25	43	53.75	12	7.7	28	YES	10.83
15/1530	1.30	43	55.90	12	7.7	28	YES	12.5
16/1600	1.30	43	55.90	12	7.7	28	YES	12.7
17/1630	1.35	43	58.05	12	7.7	28	YES	14.38
18/1700	1.40	43	60.20	12	7.7	28	YES	16.25
19/1730	1.40	43	60.20	12	7.7	28	YES	29.79
20/1800	1.40	43	60.20	12	7.7	28	YES	10.83
21/1830	1.40	43	60.20	12	7.7	28	YES	10
22/1900	1.40	43	60.20	12	7.7	28	YES	11.67
23/1930	1.40	43	60.20	12	7.7	28	YES	7.29
24/2000	1.35	43	58.05	12	7.7	28	YES	14.58
25/2030	1.20	43	51.60	12	7.7	28	YES	13.13
26/2100	1.10	43	47.30	12	7.7	28	YES	10.63
27/2130	1.15	43	49.45	12	7.7	28	YES	13.13
28/2200	1.20	43	51.60	12	7.7	28	YES	12.50
29/2230	1.20	43	51.60	12	7.7	28	YES	13.59
30/2300	1.20	43	51.60	12	7.7	28	YES	21.88
31/2330	1.10	43	47.30	12	7.7	28	YES	16.25

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 NIMBLE CREEK
 MONTH 03 (2020) YEAR

ADDRESS: OREGON CAVES NATIONAL MONUMENT
 19000 CAVES HIGHWAY
 CAVE JUNCTION, OREGON 97523
 1-541-592-2100

- TEST LOCATION CODES:
 1 - INFORMATION BOOTH 4 - V.C.
 2 - Chateau 5 - CHATEAU
 3 - WATER FOUNTAIN 6 - GUIDE HOUSE

PSW ID#: 419 1998

0000, 46748300

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	EM	1.50	2	0900	2	0	5.0	1.50	46751700	3400	.267	.078	CHANGED #1
2	EM	1.60	2	0930	2	0	4.5	1.60	46757100	5400	.265	.052	CHANGED #2
3	EM	1.55	2	1000	2	0	4.5	1.55	46762400	5000	.265	.064	NO CHANGES
4	EM	1.50	2	0930	2	0	4.5	1.50	46767900	5800	.265	.071	NO CHANGES
5	EM	1.50	2	1100	2	5200ML	4.5	1.50	46772100	4200	.265	.074	BATCHED 5200ML
6	EM	1.40	2	1000	2	0	4.5	1.40	46779900	6800	.265	.075	NO CHANGES
7	EM	1.70	2	1100	2	0	4.5	1.70	46786900	7400	.265	.078	NO CHANGES
8	EM	1.70	2	0930	2	0	4.5	1.70	46792200	5900	.265	.081	CHANGED 1 & 2
9	EM	1.0	2	0900	2	6000ML	4.5	1.0	46700200	8000	.265	.083	CHANGED 3 & 4 / BATCH 6000 ML
10	EM	1.10	2	0900	2	0	4.5	1.10	46711600	11,400	.265	.071	NO CHANGES
11	EM	1.0	2	0930	2	0	5.0	1.0	46720700	13,800	.265	.073	NO CHANGES
12	EM	1.10	2	0900	2	6000ML	5.0	1.10	46734400	29000	.265	.080	BATCHED 6000ML
13	EM	1.70	2	1000	2	0	5.0	1.70	46765100	5200	.265	.071	CHANGED #1
14	EM	1.25	2	1000	2	0	5.0	1.25	46770700	5200	.266	.073	NO CHANGES
15	EM	1.30	2	0900	2	0	5.0	1.30	46776700	6000	.265	.077	NO CHANGES
16	EM	1.30	2	0930	2	2400ML	4.0	1.30	46782700	6100	.265	.078	BATCH 2400ML CHANGED 1 & 2
17	EM	1.35	2	1000	2	0	4.0	1.35	46789900	6900	.266	.075	NO CHANGES
18	EM	1.40	2	0930	2	0	4.0	1.40	46797100	7800	.266	.076	NO CHANGES
19	EM	1.40	2	0930	2	4000ML	4.0	1.40	46801400	14300	.267	.065	CHANGED 1, 2, 3, 4 / BATCHED 4000 ML
20	EM	1.40	2	1000	2	0	4.0	1.40	46516600	5200	.268	.066	NO CHANGES
21	EM	1.40	2	1000	2	0	4.0	1.40	46524700	4800	.268	.071	NO CHANGES
22	EM	1.40	2	1030	2	0	4.0	1.40	46527000	5600	.266	.072	CHANGED 1 & 2
23	EM	1.40	2	1230	2	0	4.0	1.40	46535000	3500	.266	.062	CHANGED 3 & 4
24	EM	1.35	2	1200	2	0	4.0	1.35	46535000	7000	.265	.064	NO CHANGES
25	EM	1.20	2	1000	2	0	4.0	1.20	46543800	6300	.266	.061	NO CHANGES
26	EM	1.10	2	1300	2	5200ML	4.0	1.10	46549100	5100	.266	.060	NO CHANGES
27	EM	1.15	2	1000	2	0	4.0	1.15	46555700	6700	.267	.062	CHANGED 1, 3, 4 / BATCH 5200ML
28	EM	1.20	2	1300	2	0	4.0	1.20	46562000	6000	.267	.062	NO CHANGES
29	EM	1.70	2	1340	2	0	4.0	1.70	46567700	6500	.268	.067	CHANGED 1 & 2
30	EM	1.70	2	1330	2	0	4.0	1.70	46578100	10500	.268	.077	CHANGED 3 & 4
31	EM	1.10	2	1030	2	0	4.0	1.10	46586600	7800	.267	.084	NO CHANGES