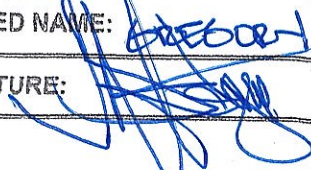


# OREGON CAVES / FEB 2022

## 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: **02/2022**

DAY	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the Day <sup>1</sup> [NTU]
1 <sup>0000</sup>	42	30	12	25	.259	.40
2 <sup>0000</sup>	42	30	12	25	.259	.40
3 <sup>1200</sup>	42	32	10	25	.258	.45
4	42	32	10	25	.261	.35
5	42	32	10	25	.260	.38
6	42	30	12	25	.261	.42
7	42	30	12	25	.261	.40
8	42	32	10	25	.261	.45
9	42	32	10	25	.261	.42
10	42	30	12	25	.259	.30
11	42	30	12	25	.259	.42
12	42	30	12	25	.082	.35
13	42	30	12	25	.080	.38
14	42	30	12	25	.082	.35
15	42	34	8	25	.090	.54
16	42	29	13	25	.074	.70
17	42	29	13	25	.077	1.0
18	42	27	15	25	.078	.75
19	42	34	8	25	.071	1.0
20	42	32	10	25	.073	.32
21	42	30	12	25	.076	.55
22	42	27	15	25	.077	.60
23	42	30	12	25	.080	.74
24	42	30	12	25	.080	.50
25	42	29	13	25	.070	.40
26	42	29	13	25	.070	.37
27	42	27	15	25	.077	.82
28	42	25	17	25	.071	.35
29						
30						
31						

<b>Cartridge Filtration</b>  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	<b>Monthly Summary (Answer Yes or No)</b>  CT's met everyday? (see back) <input checked="" type="radio"/> Yes / No All Cl <sub>2</sub> 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: <b>Gregory J. Montague</b>  SIGNATURE:   DATE: <b>3.2.2022</b>  PHONE #: (541) 592-2100 EXT. 2755  CERT #: <b>D-09444</b>

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

OREGON CAVES / FEB 2022

OHA - Drinking Water Program - Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP: WTP-A Month/Year: 02/2022

Date / Time	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User (C) <sup>2</sup> [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT C X T	Temp [° C]	pH	Required CT Use tables	CT Met? <sup>2</sup> Yes / No	Peak Hourly Demand Flow [GPM]
1 / 1000	1.0	43	43	13	7.7	27	Yes	3250
2 / 800	1.0	43	43	13	7.7	27	Yes	3541
3 / 1200	1.0	43	43	13	7.7	27	Yes	3645
4 / 1000	1.0	43	43	13	7.7	27	Yes	6.25
5 / 800	1.0	43	43	13	7.7	27	Yes	4.16
6 / 0900	1.0	43	43	13	7.7	27	Yes	6.25
7 / 1800	1.0	43	43	13	7.7	27	Yes	5.00
8 / 0500	1.0	43	43	13	7.7	27	Yes	29.16
9 / 1000	1.0	43	43	13	7.7	29	Yes	31.25
10 / 1900	1.5	43	64.5	13	7.7	29	Yes	12.5
11 / 1800	1.5	43	64.5	13	7.7	29	Yes	10.62
12 / 1800	1.5	43	64.5	13	7.7	29	Yes	6.25
13 / 1900	1.5	43	64.5	13	7.7	29	Yes	8.33
14 / 1800	1.5	43	64.5	13	7.7	29	Yes	4.16
15 / 1600	1.85	43	79.55	13	7.7	30	Yes	37.29
16 / 1600	1.50	43	64.50	13	7.7	29	Yes	58.13
17 / 1000	1.40	43	60.20	13	7.7	28	Yes	17.70
18 / 1600	1.25	43	53.75	13	7.7	28	Yes	21.25
19 / 1000	1.35	43	58.05	12	7.7	28	Yes	17.91
20 / 1000	1.40	43	60.20	13	7.7	28	Yes	12.92
21 / 1000	1.45	43	62.35	13	7.7	29	Yes	<del>14.16</del> 14.16
22 / 1000	1.50	43	64.50	13	7.7	29	Yes	12.08
23 / 1000	1.50	43	64.50	13	7.7	29	Yes	13.33
24 / 1300	1.50	43	64.50	13	7.7	29	Yes	10.66
25 / 1200	1.50	43	64.50	13	7.7	29	Yes	12.29
26 / 1100	1.50	43	64.50	13	7.7	29	Yes	12.50
27 / 1000	1.55	43	66.65	13	7.7	29	Yes	13.54
28 / 1000	1.55	43	66.65	13	7.7	29	Yes	10.42
29 /								
30 /								
31 /								

<sup>2</sup> If Cl<sub>2</sub> 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](http://www.public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-cartridge.pdf)

