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: April 2025

DAY	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the Day [NTU]
1	45	25	20	10	0.061	0.106
2	45	25	20	10	0.060	0.160
3	45	24	21	10	0.052	0.128
4	45	22	23	10	0.065	0.147
5	45	20	25	10	0.054	0.140
6	45	20	25	10	0.053	0.157
7	45	19	26	10	0.060	0.122
8	45	17	28	10	0.049	0.113
9	45	16	29	10	0.053	0.107
10	45	15	30	10	0.053	0.073
11	45	15	30	10	0.061	0.142
12	~~45~~ 45	~~19~~ 26	19	10	0.059	0.111
13	45	26	19	10	0.040	0.124
14	45	25	20	10	0.048	0.132
15	45	25	20	10	0.056	0.105
16	44	30	14	10	0.054	0.045
17	45	29	16	10	0.044	0.102
18	45	29	16	10	0.047	0.101
19	45	27	18	10	0.071	0.105
20	45	27	18	10	0.060	0.140
21	45	28	17	10	0.058	0.118
22	45	28	17	10	0.067	0.125
23	45	26	19	10	0.092	0.154
24	45	23	22	10	0.046	0.081
25	45	23	22	10	0.070	0.116
26	45	22	23	10	0.044	0.099
27	45	20	26	10	0.042	0.151
28	45	20	25	10	0.072	0.132
29	45	27	18	10	0.054	0.116
30	45	27	18	10	0.068	0.108
31	—	—	—	—	—	—

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: David John

SIGNATURE: David John DATE: 5.9.25

PHONE #: (541) 592-2100 x2256 CERT #: D-09445

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

OHA - Drinking Water Program -- Surface Water Quality Data Form

NPS OREGON CAVES NATL MON ID #: OR4191998 WTP-: WTP-A Month/Year: April 2025

Date / Time	Minimum Cl_2 Residual at 1st User (C) [2]	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? [2]	Peak Hour Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use tables	Yes / No	[GPM]
1 /	1.61	43	69.23	11	7.8	30	Y	7.08
2 /	1.59	43	68.37	11	7.8	29	Y	8.12
3 /	1.60	43	68.80	11	7.8	30	Y	8.75
4 /	1.58	43	67.94	11	7.8	29	Y	7.92
5 /	1.62	43	69.66	11	7.8	30	Y	8.75
6 /	1.65	43	70.95	11	7.8	30	Y	7.08
7 /	1.66	43	71.38	11	7.8	30	Y	7.7
8 /	1.69	43	72.67	11	7.8	30	Y	6.25
9 /	1.68	43	72.24	11	7.8	30	Y	8.33
10 /	1.70	43	73.10	11	7.8	30	Y	6.04
11 /	1.59	43	68.37	11	7.8	29	Y	7.92
12 /	1.85	43	79.55	11	7.8	30	Y	8.96
13 /	1.88	43	80.84	11	7.8	30	Y	6.88
14 /	1.92	43	82.56	11	7.8	30	Y	5.83
15 /	1.97	43	84.71	11	7.8	30	Y	7.29
16 /	1.95	43	83.85	11	7.8	30	Y	5.83
17 /	1.91	43	82.13	11	7.8	30	Y	7.50
18 /	1.80	43	77.40	11	7.8	30	Y	6.46
19 /	1.61	43	69.23	11	7.8	30	Y	7.08
20 /	1.48	43	63.64	11	7.8	29	Y	4.58
21 /	1.44	43	61.92	11	7.8	29	Y	6.04
22 /	1.34	43	59.77	11	7.8	28	Y	5.62
23 /	1.32	43	56.76	11	7.8	28	Y	N/A
24 /	1.35	43	58.05	11	7.8	28	Y	12.71
25 /	1.32	43	56.76	11	7.8	28	Y	6.00
26 /	1.44	43	61.92	11	7.8	29	Y	5.62
27 /	1.51	43	64.93	11	7.8	29	Y	5.418
28 /	1.59	43	68.37	11	7.8	29	Y	6.04
29 /	1.70	43	73.10	11	7.8	30	Y	5.8
30 /	1.64	43	70.52	11	7.8	30	Y	6.25
31 /	—	—	—	—	—	—	—	—

[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

SOURCE NAME: LAKE CREEK
MONTH May YEAR 2025

TEST LOCATION CODES:
1- Info Booth
2- Chalet
3- Water Fountain
4- OCVC
5- Chateau
6- Guide house

Total ~4,000

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	SB	1.61	2	1000	2	—	5.5	1.61	54279400	3400	0.170	0.061	—
2	SB	1.54	2	0930	2	—	5.5	1.59	54078500	3900	0.127	0.060	—
3	SB	1.60	2	1200	2	—	5.5	1.60	54082700	4200	0.158	0.052	—
4	SB	1.58	2	1100	2	—	5.5	1.58	54096500	3800	0.114	0.065	—
5	SB	1.62	2	1100	2	—	5.5	1.62	54290700	4200	0.198	0.054	Calibrated hs300's e20m
6	SB	1.65	2	1000	2	—	5.5	1.65	54294900	3400	0.185	0.053	—
7	SB	1.66	2	1000	2	—	5.5	1.66	54247800	3700	0.154	0.060	—
8	SB	1.67	2	0930	2	—	5.5	1.69	54300800	3000	0.131	0.049	—
9	SB	1.68	2	0800	2	—	5.5	1.68	54304800	4000	0.102	0.053	—
10	SB	1.70	2	0920	2	+10gal 1:1	5.5	1.70	54307700	2900	0.118	0.053	—
11	SB	1.59	2	1245	2	—	5.5	1.59	54311500	3800	0.197	0.061	—
12	SB	1.85	2	1300	2	—	5.5	1.85	54315800	4300	0.204	0.059	changed #3,4
13	SB	1.88	2	1000	2	—	5.5	1.88	54319100	3300	0.165	0.090	
14	SB	1.92	2	1100	2	—	5.5	1.92	54321900	2800	0.199	0.048	
15	SB	1.97	2	1400	2	—	4.75	1.97	54325400	3500	0.159	0.056	—
16	SB	1.95	2	1000	2	—	4.50	1.95	54328200	2800	0.144	0.054	changed # 1,2
17	SB	1.91	2	1000	2	—	4.60	1.91	54331800	3600	0.185	0.044	—
18	SB	1.80	2	0930	2	—	4.50	1.80	54334900	3100	0.164	0.049	—
19	SB	1.61	2	1400	2	—	4.50	1.61	54338300	3400	0.150	0.071	—
20	SB	1.48	2	1200	2	—	4.50	1.48	54340500	2200	0.110	0.060	—
21	SB	1.44	2	0830	2	—	4.50	1.44	54343600	2900	0.108	0.058	—
22	SB	1.39	2	1000	2	—	6.00	1.39	54346100	2700	0.129	0.067	CH 4.5→6.00, Turned water off
23	SB	1.32	2	0900	2	—	6.00	1.32	54346100	0	0.154	0.092	Cleaned intake, water on
24	SB	1.35	2	1400	2	—	6.00	1.35	54352200	6100	0.225	0.046	—
25	SB	1.32	2	0830	2	—	6.00	1.32	54354600	2400	0.132	0.070	—
26	SB	1.44	2	1430	2	—	6.00	1.44	54357300	2700	0.191	0.044	—
27	SB	1.51	2	0900	2	—	6.00	1.51	54359900	2600	0.184	0.042	—
28	SB	1.59	2	0800	2	—	6.00	1.59	54362800	2900	0.166	0.072	—
29	SB	1.70	2	0900	2	—	6.00	1.70	54365600	2800	0.156	0.054	changed # 3,4
30	SB	1.64	2	1100	2	—	6.00	1.64	54368600	3000	"	0.068	—
31	—	—	—	—	—	—	—	—	—	—	—	—	—