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:** August 2024

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	0.052	0.10
2	43	30	13	25	0.051	0.10
3	42	29	13	25	0.061	0.10
4	42	30	12	25	0.055	0.10
5	42	28	14	25	0.056	0.10
6	42	30	12	25	0.050	0.10
7	41	30	11	25	0.057	0.10
8	41	28	13	25	0.066	0.10
9	41	30	11	25	0.062	0.10
10	41	32	9	25	0.065	0.10
11	43	30	13	25	0.060	0.11
12	43	28	15	25	0.069	0.11
13	43	30	13	25	0.060	0.11
14	43	30	13	25	0.058	0.10
15	41	28	13	25	0.061	0.10
16	42	33	9	25	0.055	0.10
17	43	31	12	25	0.059	0.10
18	42	27	15	25	0.054	0.10
19	42	27	15	25	0.061	0.11
20	42	27	15	25	0.054	0.10
21	42	30	12	25	0.072	0.10
22	42	30	12	25	0.065	0.10
23	40	29	11	25	0.064	0.10
24	43	31	12	25	0.071	0.10
25	41	31	10	25	0.061	0.10
26	42	31	11	25	0.080	0.10
27	43	31	12	25	0.056	0.10
28	41	28	13	25	0.061	0.10
29	40	31	9	25	0.051	0.10
30	41	30	11	25	0.028	0.10
31	41	29	12	25	0.041	0.10

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: 8.7.24

PHONE #: (541) 592-2100 ext 2256

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: August 2024

Date / Time	Minimum Cl_2 Residual at 1st User (C) [2]	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? [2]	Peak Hou Demanc Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use tables	Yes / No	[GPM]
1 /	1.39	43	59.77	12	7.7	28	Yes	11.46
2 /	1.35	43	58.05	12	7.7	28	Yes	11.04
3 /	1.28	43	55.04	12	7.7	28	Yes	14.17
4 /	1.68	43	58.91	12	7.7	29	Yes	14.79
5 /	1.39	43	59.77	12	7.7	28	Yes	13.96
6 /	1.68	43	72.24	12	7.7	29	Yes	11.25
7 /	1.72	43	73.96	12	7.7	29	Yes	11.25
8 /	1.74	43	74.82	12	7.7	29	Yes	12.30
9 /	1.64	43	70.52	12	7.7	29	Yes	11.04
10 /	1.63	43	70.09	12	7.7	29	Yes	11.67
11 /	1.49	43	64.07	12	7.7	28	Yes	13.13
12 /	1.36	43	58.48	12	7.7	28	Yes	11.67
13 /	1.28	43	55.04	12	7.7	28	Yes	12.08
14 /	1.26	43	54.18	12	7.7	28	Yes	15.63
15 /	1.30	43	55.90	12	7.7	28	Yes	12.71
16 /	1.24	43	53.32	12	7.7	28	Yes	63.56
17 /	1.19	43	51.17	12	7.7	27	Yes	26.05
18 /	1.30	43	55.90	12	7.7	28	Yes	14.80
19 /	1.30	43	55.90	12	7.7	28	Yes	15.63
20 /	1.32	43	56.76	12	7.7	28	Yes	13.12
21 /	1.40	43	60.2	12	7.7	28	Yes	12.29
22 /	1.48	43	63.64	12	7.7	28	Yes	15.63
23 /	1.47	43	63.21	12	7.7	28	Yes	7.50
24 /	1.40	43	60.20	12	7.7	28	Yes	19.79
25 /	1.31	43	56.33	12	7.7	28	Yes	12.08
26 /	1.12	43	48.16	12	7.7	28	Yes	12.92
27 /	1.04	43	44.72	12	7.7	27	Yes	12.92
28 /	1.06	43	46.58	12	7.7	27	Yes	22.09
29 /	1.08	43	46.44	12	7.7	27	Yes	14.38
30 /	1.19	43	51.17	12	7.7	27	Yes	13.75
31 /	1.65	43	70.95	12	7.7	29	Yes	11.67

[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 August YEAR 2024
TEST LOCATION CODES:
1- Info Booth 4- OCVC
2- Chalet 5- Chateau
3- Water Fountain 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	JB	1.39	2	1030	2	—	6.25	1.39	52745500	5500	0.440	0.052	Clp 7.25 → 6.75, Changed # 1,2,3
2	JB	1.35	2	1000	2	—	6.25	1.35	52800800	5300	0.450	0.051	Clp 6.75 → 6.25
3	JB	1.28	2	0900	2	—	6.25	1.28	52807600	6800	0.412	0.061	Changed # 2, 4
4	JB	1.37	2	1100	2	—	6.25	1.37	52814700	7100	0.445	0.055	—
5	JB	1.39	2	1045	2	—	6.25	1.39	52821400	6700	0.511	0.056	—
6	JB	1.67	2	0850	2	+15g at 2:1	6.25	1.67	52826800	5400	0451	0.050	Changed # 1, added to Batch
7	JB	1.72	2	0930	2	—	6.50	1.72	52832200	5400	0664	0.057	Changed # 2, Clp 6.25 → 5.50
8	JB	1.74	2	0800	2	—	5.50	1.74	52839100	5900	0.483	0.066	—
9	JB	1.64	2	0930	2	—	5.25	1.64	52843400	5300	0.501	0.062	Changed #2, Clp 5.5 → 5.25
10	JB	1.63	2	1000	2	—	5.00	1.63	52849000	5600	0.470	0.065	Clp 5.25 → 5.0
11	JB	1.49	2	1100	2	—	5.00	1.49	52855300	6300	0.411	0.060	—
12	JB	1.36	2	1045	2	—	5.00	1.36	52860900	5600	0.381	0.069	—
13	JB	1.28	2	0930	2	—	5.00	1.28	52866700	5800	0.278	0.060	Changed # 1
14	JB	1.26	2	1130	2	—	5.25	1.26	52874200	7500	0.199	0.058	Clp 5.0 → 5.25
15	JB	1.30	2	0930	2	—	5.50	1.30	52880300	6100	0.183	0.061	Changed # 2, Clp 5.25 → 5.50
16	JB	1.24	2	1500	2	—	6.00	1.24	52910800	30500	0.214	0.055	Left water on by accident, Changed # 1 Clp 5 → 6.
17	JB	1.19	2	1200	2	—	7.00	1.19	52923300	12500	0.165	0.059	Jumped 5K gal, Clp 6.0 → 7.0
18	JB	1.30	2	0900	2	—	7.00	1.30	52930400	7100	0.182	0.054	(Reduced Clp tube)
19	JB	1.30	2	1000	2	—	7.00	1.30	52937900	7500	0.177	0.061	—
20	JB	1.32	2	0800	2	—	7.00	1.32	52944200	6300	0.173	0.054	Changed # 2, 4
21	JB	1.40	2	0900	2	—	7.00	1.40	52950900	5900	0.190	0.072	—
22	JB	1.48	2	1400	2	—	6.50	1.48	52957600	7500	0.159	0.065	Changed # 1, Clp 7.0 → 6.5
23	JB	1.47	2	1000	2	—	6.50	1.47	52961200	3600	0.163	0.064	—
24	JB	1.40	2	1220	2	—	6.50	1.40	52970700	9500	0.733	0.071	Changed #1, 2, 3, 4
25	JB	1.31	2	1000	2	—	6.50	1.31	52976500	5800	0.340	0.061	—
26	JB	1.12	2	0930	2	—	6.50	1.31	52982200	6200	0.200	0.080	—
27	JB	1.04	2	0800	2	—	7.50	1.04	52988900	6200	0.151	0.056	Clp 6.50 → 7.50
28	JB	1.06	2	0920	2	—	8.00	1.06	52995500	10,600	0.143	0.061	Clp 7.5 → 8.0, Changed #2
29	JB	1.08	2	1100	2	+15g at 2:1	8.50	1.08	53006400	6900	0.145	0.051	Clp 8.0 → 8.5, Changed #3
30	JB	1.19	2	1040	2	—	8.50	1.19	53013000	6600	0.151	0.028	—
31	JB	1.65	2	1030	2	—	7.50	1.65	53018600	5600	0.180	0.041	Changed #4, Clp 8.5 → 7.5