

**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:** 12/2024

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	30	12	25		
2	42	30	12	25	.066	.10
3	42	30	12	25	.064	.10
4	42	30	12	25	.061	.16
5	42	30	12	25	.060	.10
6	42	30	12	25	.063	.11
7	42	30	12	25	.064	.12
8	42	30	12	25	.079	.15
9	42	30	12	25	.105	.16
10	42	30	12	25	.322	.15
11	42	30	12	25	.249	.14
12	42	30	12	25	.545	.16
13	42	30	12	25	7.60	.20
14	42	30	12	25	.079	.15
15	42	30	12	25	.075	.15
16	42	30	12	25	.096	.15
17	42	30	12	25	.098	.14
18	42	30	12	25	.091	.12
19	42	30	12	25	.085	.10
20	42	30	12	25	.072	.10
21	42	30	12	25	.069	.10
22	42	30	12	25	.094	.14
23	42	30	12	25	.063	.12
24	42	30	12	25	.066	.12
25	42	30	12	25	.065	.13
26	42	30	12	25	.062	.10
27	42	30	12	25	.063	.10
28	42	30	12	25	.063	.10
29	42	30	12	25	.059	.10
30	42	30	12	25	.058	.12
31	42	30	12	25	.059	.10

Cartridge Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? All daily turbidity readings ≤ 5 NTU?	Yes / No Yes / 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: <i>David John</i>	
		DATE: 01.04.2024	
		PHONE #: (541) 592.2100 ex 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: Dec 2023

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 Hour Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use tables	Yes / No	[GPM]
1 1257	1.0	43	43	12	7.7	27	Yes	9.37
2 1000	1.0	43	43	12	7.7	27	Yes	12.71
3 1930	1.0	43	43	12	7.7	27	Yes	12.91
4 1130	1.1	43	47.3	12	7.7	27	Yes	8.75
5 1945	1.2	43	51.6	12	7.7	28	Yes	9.37
6 1000	1.24	43	53.32	12	7.7	28	Yes	8.3
7 1930	1.22	43	52.46	12	7.7	28	Yes	19.16
8 1845	1.2	43	51.6	12	7.7	28	Yes	20.83
9 11036	1.18	43	50.74	12	7.7	27	Yes	18.75
10 11300	1.4	43	60.2	12	7.7	28	Yes	18.12
11 1930	1.3	43	55.9	12	7.7	28	Yes	12.5
12 1000	1.25	43	53.75	12	7.7	28	Yes	10.62
13 1130	1.19	43	51.17	12	7.7	27	Yes	10.62
14 11230	1.1	43	47.3	12	7.7	27	Yes	18.75
15 11046	1.0	43	43	12	7.7	27	Yes	18.95
16 11300	1.0	43	43	12	7.7	27	Yes	14.16
17 1945	1.27	43	54.61	12	7.7	28	Yes	9.37
18 1000	1.3	43	55.9	12	7.7	28	Yes	8.75
19 1845	1.46	43	62.78	12	7.7	28	Yes	10.41
20 11230	1.58	43	67.94	12	7.7	28	Yes	9.375
21 1030	1.60	43	68.8	12	7.7	29	Yes	9.58
22 1130	1.42	43	61.06	12	7.7	28	Yes	35.83
23 1900	1.6	43	68.8	12	7.7	29	Yes	12.5
24 11200	1.6	43	68.8	12	7.7	29	Yes	13.3
25 1845	1.54	43	66.22	12	7.7	28	Yes	10.625
26 1930	1.48	43	63.64	12	7.7	28	Yes	13.96
27 11330	1.3	43	55.9	12	7.7	28	Yes	14.375
28 1000	1.3	43	55.9	12	7.7	28	Yes	14.375
29 1100	1.16	43	49.88	12	7.7	27	Yes	16.6
30 /	1.48	43	63.64	12	7.7	28	Yes	10.83
31 /	1.3	43	55.9	12	7.7	28	Yes	13.54

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 NAME: LAKE CREEK

MONTH December YEAR 2023

TEST LOCATION CODES:

1 - INFORMATION BOOTH

② - Chateau

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	JC	1.0	2	1257	2	0	10	1.0	50417300	4500			No tenants in chateau
2	JAL	1.0	2	1000	2	0	10	1.0	50423100	6100	1.22	.066	no change
3	JAL	1.0	2	930	2	0	10	1.0	50429600	6200	1.29	.064	no change
4	JAL	1.1	2	1330	2	0	10	1.1	50433800	4200	1.30	.061	changed Filters # 2,3,4
5	JAL	1.2	2	945	2	0	10	1.2	50438300	4500	1.28	.060	no change
6	JAL	1.24	2	1000	2	5000	10	1.2	50442300	4000	1.29	.063	changed Filters #12
7	JAL	1.26	2	930	2	0	10	1.22	50451500	9200	1.39	.064	snow no change
8	JA	1.20	2	845	2	0	10	1.20	50461500	10000	1.15	.079	no change
9	JAL	1.18	2	1030	2	0	10	1.18	50470500	9000	.986	.105	no change
10	JAL	1.4	2	1300	2	13000	9.5	1.4	50479200	8700	.821	.322	changed Filter #4
11	JAL	1.3	2	930	2	0	9.5	1.3	50485200	6000	.656	.249	no change
12	JAL	1.25	2	1000	2	0	9.5	1.25	50490300	5100	.609	.545	no change
13	JAL	1.19	2	1130	2	0	9.5	1.19	50495400	5100	.525	7.60	changed Filters # 1, 2
14	JAL	1.1	2	1230	2	0	9.5	1.1	50504400	9000	.515	.079	no change
15	JAL	1.0	2	1046	2	2000	9.5	1.0	50513500	9100	.511	.075	changed Filter #3
16	JAL	1.0	2	1300	2	3000	9.5	1.0	50520300	6800	.118	.096	no change
17	JAL	1.27	2	945	2	0	10	1.27	50524800	4500	.122	.098	no change
18	JAL	1.3	2	1000	2	0	10	1.3	50529000	4200	.116	.091	no change
19	JAL	1.46	2	845	2	0	10	1.46	50534600	5000	.122	.085	no change
20	JAL	1.58	2	1230	2	0	10	1.58	50538500	4500	.104	.072	no change
21	JAL	1.60	2	1030	2	5000	10	1.60	50543100	4600	.093	.069	changed Filters #1234
22	JAL	1.42	2	1350	2	0	10	1.42	50560300	17200	.091	.094	no change
23	JAL	1.6	2	900	2	0	10	1.6	50566300	6000	.313	.063	changed Filters # 1,3,4
24	JAL	1.6	2	1200	2	0	10	1.6	50572700	6400	.314	.066	no change
25	JAL	1.54	2	845	2	0	10	1.54	50577800	5100	.306	.065	no change
26	JAL	1.48	2	930	2	0	10	1.48	50584500	6700	.301	.062	no change
27	JAL	1.3	2	1330	2	0	9.5	1.3	50591400	6900	.292	.063	no change
28	JAL	1.3	2	1000	2	4000	9.5	1.3	50598300	6900	.281	.063	changed Filter # 4
29	JAL	1.16	2	1100	2	0	10	1.16	50606300	8000	.263	.089	no change
30	JAL	1.48	2	1030	2	0	10	1.48	50611500	5200	.505	.058	changed Filters #1,2,4
31	JAL	1.3	2	1200	2	0	10	1.3	50618000	6500	.722	.059	no change