

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Jan 2024

System Name: Oregon Caves National Monument O&M ID#: 4195706 WTP ID: TP-

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	20	20	2	10	0.066	N/A
2	20	18	2	10	0.054	
3	20	17	2	10	0.029	
4	20	17	2	10	0.063	
5	20	15	2	10	0.062	
6	20	12	2	10	No power	
7	20	20	2	10	0.055	
8	20	19	2	10	0.058	
9	20	19	2	10	0.060	
10	20	20	2	10	0.062	
11	20	20	2	10	0.047	
12	20	19	2	10	0.065	
13	20	17	2	10	0.106	
14	20	15	2	10	0.601	
15	20	13	2	10	0.595	
16	20	10	2	10	0.592	
17	20	20	2	10	0.592	
18	20	19	2	10	0.225	
19	20	15	2	10	0.871	
20	20	12	2	10	0.665	
21	20	10	2	10	0.964	
22	20	20	2	10	0.782	
23	20	17	2	10	0.626	
24	20	19	2	10	0.527	
25	20	18	2	10	0.342	
26	20	15	2	10	0.268	
27	20	14	2	10	0.291	
28	20	20	2	10	0.331	
29	20	18	2	10	0.309	
30	20	16	2	10	0.267	
31	20	13	2	10	0.211	

Cartridge & Bag Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No	<input checked="" type="radio"/> Yes / <input type="radio"/> No

Notes: PSI = pounds per square inch
 PSID = pounds per square inch difference (before filter - after filter)
 PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter, at what PSID.

PRINTED NAME: David John
 SIGNATURE: David John
 DATE: 01/31/2024
 PHONE #: (541) 582-2100 ext 2296
 CERT #: D-09445

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in Daily Turbidity Reading column may not correspond to continuous readings' maximum.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- :

System Name:

Oregon Caves O&M

ID#: 4195706

Month/Year: 01-2024

Disinfection *Giardia*
Log Inactiv:

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Date / Time	Minimum Cl ₂ Residual at 1st User (C) ²	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ²	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1 900	1.3	305	396.5	5.0	7.50	61	yes	3.75
2 1200	1.2		366			61	yes	3.96
3 800	1.0		305			60	yes	5.41
4 1300	1.2		366			61	yes	5.83
5 1400	1.0		305			60	yes	4.58
6 1330	1.0		305			60	yes	3.96
7 1355	1.2		366			61	yes	4.37
8 945	1.2		366			61	yes	4.16
9 1230	1.0		305			60	yes	4.58
10 1100	1.0		305			60	yes	4.58
11 1630	1.0		305			60	yes	4.79
12 1250	1.0		305			60	yes	5
13 1200	1.2		366			61	yes	4.58
14 1000	1.0		305			60	yes	4.375
15 1330	1.0		305			60	yes	5.41
16 1600	1.0		305			60	yes	5
17 940	1.0		305			60	yes	4.79
18 1030	1.0		305			60	yes	5.21
19 1306	1.0		305			60	yes	5
20 1254	1.0		305			60	yes	4.58
21 900	1.0		305			60	yes	4.16
22 1330	1.0		305			60	yes	5.625
23 1230	1.0		305			60	yes	5
24 835	1.0		305			60	yes	5.20
25 954	1.0		305			60	yes	5.83
26 1245	1.0		305			60	yes	6.04
27 1400	1.0		305			60	yes	5.41
28 1000	1.0		305			60	yes	5.625
29 845	1.0		305			60	yes	5.21
30 1300	1.0		305			60	yes	4.79
31 1022	1.0		305			60	yes	4.58

² If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised November 2022

Return by 10th of following month by email, fax, or mail to:

dwp.dmce@oha.oregon.gov; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350

Month January Year 2024

Test location codes: 1. Concrete Tank 2. HQ Bldg 3. Maint shop
4. Yellow house 5. Upper Duplex 6. Lower Duplex

NPS Oregon Caves NM O/M
PWS ID: OR4195706

70,900 Gals Made

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	JAL	1.3	1	900	3	0	10	1.3	8365300	1800	.267	.066	No change
2	JAL	1.2	1	1200	3	0	10	1.2	8367200	1400	.298	.054	No change
3	JAL	1.0	1	800	3	0	10	1.0	8369800	2600	.307	.029	No change
4	JAL	1.2	1	1200	3	0	10	1.2	8372600	2800	.274	.063	No change
5	JAL	1.0	1	1400	3	5000	10	1.0	8374800	2200	.265	.062	No change
6	JAL	1.0	1	1330	3	0	10	1.0	8376700	1900	No Power	No change	SNOW
7	JAL	1.2	1	1355	3	0	10	1.2	8378900	2100	.185	.055	changed Filter # 3,4,
8	JAL	1.2	1	945	3	0	10	1.2	8384800	2000	.205	.058	no change
9	JAL	1.0	1	1230	3	0	10	1.0	8383000	2200	.246	.060	no change
10	JAL	1.0	1	1100	3	0	10	1.0	8385200	2200	.265	.062	changed Filters #1,2,3,4 snow
11	JAL	1.0	1	1020	3	0	10	1.0	8387500	2300	.229	.047	no change
12	JAL	1.0	1	1250	3	0	10	1.0	8389900	2400	.185	.065	no change
13	JAL	1.2	1	1700	3	0	10	1.2	8392100	2200	.265	.106	no change
14	JAL	1.0	1	1000	3	0	10	1.0	8394200	2100	.749	.601	no change
15	JAL	1.0	1	1330	3	0	10	1.0	8396800	2600	.863	.595	no change
16	JAL	1.0	1	1000	3	0	10	1.0	8394200	2400	.908	.592	no change
17	JAL	1.0	1	940	3	0	10	1.0	8401500	2300	.953	.592	changed Filters #12,34
18	JAL	1.0	1	1030	3	0	7	1.0	8404000	2500	.805	.225	No change
19	JAL	1.0	1	1300	3	0	7	1.0	8406400	2400	.677	.871	no change
20	JAL	1.0	1	1254	3	0	6.5	1.0	8408600	2200	.686	.665	no change serviced TUS3005c
21	JAL	1.0	1	900	3	0	6.5	1.0	8410600	2000	1.97	.464	changed Filters #34 Replaced TUS3005c vial
22	JAL	1.0	1	1330	3	0	6.5	1.0	8413300	2700	.946	.782	No change
23	JAL	1.0	1	1230	3	0	6.5	1.0	8415700	2400	.755	.626	no change
24	JAL	1.0	1	835	3	0	6.5	1.0	8418200	2500	.662	.527	changed Filter #4
25	JAL	1.0	1	954	3	0	6.5	1.0	8421000	2800	.556	.342	No change
26	JAL	1.0	1	1245	3	0	6.5	1.0	8423900	2900	.405	.268	no change
27	JAL	1.0	1	1400	3	0	6.5	1.0	8426500	2600	.436	.291	no change
28	JAL	1.0	1	1000	3	0	6.5	1.0	8429200	2700	.455	.331	changed Filters # 2,3,4,
29	JAL	1.0	1	845	3	0	6.5	1.0	8431700	2500	.405	.309	no change
30	JAL	1.0	1	1300	3	0	6.5	1.0	8434000	2300	.323	.267	no change
31	JAL	1.0	1	1022	3	0	6.5	1.0	8436200	2200	.276	.219	no change