

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: 07/2023

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	18	2	10	.059	
2	20	18	2	10	.058	
3	20	16	2	10	.060	
4	20	14	2	10	.062	
5	20	20	2	10	.060	
6	20	19	2	10	.060	
7	20	18	2	10	.060	
8	20	19	2	10	.061	
9	20	18	2	10	.061	
10	20	18	2	10	.059	
11	20	16	2	10	.056	
12	20	12	2	10	.055	
13	20	10	2	10	.060	
14	20	18	2	10	.061	
15	20	18	2	10	.062	
16	20	17	2	10	.061	
17	20	15	2	10	.061	
18	20	12	2	10	.061	
19	20	20	2	10	.062	
20	20	18	2	10	.065	
21	20	15	2	10	.061	
22	20	20	2	10	.059	
23	20	19	2	10	.055	
24	20	18	2	10	.055	
25	20	18	2	10	.049	
26	20	16	2	10	.049	
27	20	12	2	10	.054	
28	20	18	2	10	.065	
29	20	12	2	10	.049	
30	20	20	2	10	.042	
31	20	19	2	10	.046	

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	DATE: 08-04-23
		SIGNATURE: <i>[Signature]</i>	CERT #: D-09449
		PHONE #: (541) 592-2100 ex 2236	

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: 07/23

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 1500	1.0	305	305	5.0	7.50	60	yes	
2 0900	1.0	305	305	5.0	7.50	60	yes	
3 1000	1.0	305	305	5.0	7.50	60	yes	
4 1300	1.0	305	305	5.0	7.50	60	yes	
5 0940	1.0	305	305	5.0	7.50	60	yes	
6 0900	1.0	305	305	5.0	7.50	60	yes	
7 1330	0.8	305	244	5.0	7.50	58	yes	
8 1200	0.8	305	244	5.0	7.50	58	yes	
9 1400	0.8	305	244	5.0	7.50	58	yes	
10 1100	0.8	305	244	5.0	7.50	58	yes	
11 1330	0.8	305	244	5.0	7.50	58	yes	
12 1200	0.8	305	244	5.0	7.50	58	yes	
13 0945	0.8	305	244	5.0	7.50	58	yes	
14 0900	0.95	305	289.75	5.0	7.50	60	yes	
15 1000	1.0	305	305	5.0	7.50	60	yes	
16 1300	1.0	305	305	5.0	7.50	60	yes	
17 1015	0.95	305	289.75	5.0	7.50	60	yes	
18 0900	1.0	305	305	5.0	7.50	60	yes	
19 0940	1.0	305	305	5.0	7.50	60	yes	
20 0905	0.96	305	292.8	5.0	7.50	60	yes	
21 0900	0.94	305	286.7	5.0	7.50	60	yes	
22 1230	0.8	305	244	5.0	7.50	58	yes	
23 1015	0.95	305	289.75	5.0	7.50	60	yes	
24 0900	1.0	305	305	5.0	7.50	60	yes	
25 1330	1.0	305	305	5.0	7.50	60	yes	
26 1200	0.8	305	244	5.0	7.50	58	yes	
27 0930	0.8	305	244	5.0	7.50	58	yes	
28 1000	0.9	305	274.5	5.0	7.50	60	yes	
29 0845	0.9	305	274.5	5.0	7.50	60	yes	
30 352	0.9	305	274.5	5.0	7.50	60	yes	
31 0900	1.0	305	305	5.0	7.50	60	yes	

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 July Year 2023

Oregon Caves National Monument & Preserve
19000 Caves Highway, Cave Junction OR 97523
(541) 592-2100 Extension 2256

Test location codes: 1. Concrete Tank 2. HQ Bldg (3) Maintenance Shop

4. Yellow House 5. Upper Duplex 6. Lower Duplex

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	1.0	1	1500	3	0	2.5	1.0	8029000	1700		.059	No Change
2	JAL	1.0	1	0900	3	0	2.5	1.0	8030600	1600		.058	No change
3	JAL	1.0	1	1000	3	0	2.5	1.0	8034200	1600		.060	No change
4	JAL	1.0	1	1300	3	0	2.5	1.0	8033800	1600		.062	Changed # 2,3,4,
5	JAL	1.0	1	0940	3	0	2.5	1.0	8035200	1400		.060	No change
6	JAL	1.0	1	0900	3	0	2.5	1.0	8037600	1400		.060	No change
7	JAL	0.8	1	1330	3	0	2.5	0.8	8038800	1300		.060	No change
8	JAL	0.8	1	1200	3	0	2.5	0.8	8042600	1300		.061	Changed # 1,3,4
9	JAL	0.8	1	1400	3	0	2.5	0.8	8042700	2100		.061	No change
10	JAL	0.8	1	1100	3	0	2.5	0.8	8044800	2100		.059	No change
11	JAL	0.8	1	1330	3	0	2.5	0.8	8046900	2100		.056	No change
12	JAL	0.8	1	1200	3	0	2.5	0.8	8049200	2300		.055	No change
13	JAL	0.8	1	0945	3	0	2.5	0.8	8050300	1100		.060	No change
14	JAL	0.95	1	0900	3	0	2.5	0.95	8051400	1100		.061	Changed # 1,2
15	JAL	1.0	1	1000	3	0	2.5	1.0	8052500	1100		.062	No change
16	JAL	1.0	1	1300	3	0	2.5	1.0	8054200	1700		.061	No change
17	JAL	0.95	1	1015	3	0	2.5	0.95	8055900	1700		.061	No change
18	JAL	1.0	1	0900	3	0	2.5	1.0	8057600	1700		.060	No change
19	JAL	1.0	1	0945	3	0	2.5	1.0	8059300	1700		.062	changed # 1,2,3,4,
20	JAL	0.96	1	0905	3	0	2.5	0.96	8060900	1600		.065	No
21	DMJ	0.94	1	0900	3	0	2.5	0.94	8062800	1600		.061	No change
22	JAL	0.8	1	1230	3	0	2.5	0.8	8064100	1600		.059	Changed # 3,4,
23	JAL	0.95	1	1015	3	0	2.5	0.95	8065700	1600		.055	No change
24	JAL	1.0	1	0900	3	0	2.5	1.0	8067300	1600		.055	No change
25	JAL	1.0	1	1330	3	0	2.5	1.0	8069200	1400		.049	No change
26	JAL	0.8	1	1200	3	0	2.5	0.8	8071200	2000		.049	No change
27	JAL	0.8	1	0930	3	0	2.5	0.8	8073400	2200		.054	No change
28	JAL	0.9	1	1000	3	0	3	0.9	8074600	1200		.065	change # 1,2
29	JAL	0.9	1	0845	3	0	3	0.9	8075900	1300		.049	No change
30	JAL	0.9	1	1352	3	0	3	0.9	8078000	2100		.042	change # 1,2,3,4,
31	JAL	1.0	1	0900	3	0	3	1.0	8078000	5200		.046	No change