

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Aug 2024

System Name:   ID#: 41 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 <sup>1</sup> [NTU]
1	40	20	20	10	0.044	N/A
2	40	20	20	10	0.046	
3	40	19	21	10	0.040	
4	40	18	22	10	0.038	
5	40	20	20	10	0.031	
6	40	20	20	10	0.033	
7	40	20	20	10	0.046	
8	40	20	20	10	0.053	
9	40	20	20	10	0.049	
10	40	20	20	10	0.040	
11	40	20	20	10	0.039	
12	40	20	20	10	0.045	
13	40	19	21	10	0.044	
14	40	21	19	10	0.034	
15	40	20	20	10	0.043	
16	40	20	20	10	0.036	
17	40	20	20	10	0.053	
18	40	19	21	10	0.049	
19	40	20	20	10	0.040	
20	40	20	20	10	0.042	
21	40	20	20	10	0.029	
22	40	20	20	10	0.031	
23	40	20	20	10	0.060	
24	40	20	20	10	0.049	
25	40	20	20	10	0.047	
26	40	20	20	10	0.051	
27	40	20	20	10	0.032	
28	40	20	20	10	0.033	
29	40	20	20	10	0.054	
30	40	20	20	10	0.080	
31	40	20	20	10	0.057	

<b>Cartridge &amp; Bag Filtration</b>		<b>Monthly Summary (Answer Yes or No)</b>	
95% of daily turbidity readings ≤ 1 NTU?	Yes / No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	Yes / No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Yes / No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	Yes / No <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> 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: <u>David John</u>
SIGNATURE: <u>David John</u>
DATE: <u>9.7.24</u>
PHONE #: <u>(541) 592-2102</u>
CERT #: <u>09445</u>

<sup>1</sup> 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#: 41 95706 Month/Year: Aug 2024 Disinfection Log Inactiv: Giardia 1

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>2</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>2</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.1	305	335.5	5.0	7.5	30	Yes	7.91
2	1.1	305	335.5	5.0	7.5	30	Yes	6.04
3	1.28	305	390.4	5.0	7.5	31	Yes	5.00
4	1.25	305	381.25	5.0	7.5	31	Yes	5.41
5	1.2	305	366	5.0	7.5	31	Yes	5.21
6	1.70	305	518.5	5.0	7.5	32	Yes	5.21
7	1.41	305	430.05	5.0	7.5	31	Yes	5.41
8	1.49	305	451.95	5.0	7.5	31	Yes	5.00
9	1.56	305	475.8	5.0	7.5	31	Yes	4.37
10	1.48	305	451.8	5.0	7.5	31	Yes	5.53
11	1.45	305	442.25	5.0	7.5	31	Yes	5.00
12	1.50	305	457.5	5.0	7.5	31	Yes	6.66
13	1.40	305	427.0	5.0	7.5	31	Yes	3.75
14	1.50	305	457.5	5.0	7.5	31	Yes	5.53
15	1.44	305	434.2	5.0	7.5	31	Yes	6.04
16	1.41	305	430.05	5.0	7.5	31	Yes	6.66
17	1.39	305	423.95	5.0	7.5	31	Yes	4.37
18	1.42	305	433.1	5.0	7.5	31	Yes	5.41
19	1.40	305	427.0	5.0	7.6	31	Yes	4.79
20	1.42	305	433.1	5.0	7.5	31	Yes	3.96
21	1.40	305	427.0	5.0	7.5	31	Yes	4.79
22	1.43	305	436.15	5.0	7.5	31	Yes	6.21
23	1.58	305	481.9	5.0	7.5	32	Yes	6.46
24	1.37	305	417.85	5.0	7.5	31	Yes	4.58
25	1.26	305	366	5.0	7.5	31	Yes	5.41
26	1.13	305	344.65	5.0	7.5	30	Yes	4.37
27	1.05	305	320.25	5.0	7.5	30	Yes	5.00
28	1.22	305	372.1	5.0	7.5	31	Yes	5.41
29	1.43	305	436.15	5.0	7.5	31	Yes	4.79
30	1.67	305	509.35	5.0	7.5	32	Yes	6.87
31	1.59	305	484.95	5.0	7.5	32	Yes	5.00

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

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

dwp.dnce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350

Revised July 2018

Month August 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

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	1.10	1	1200	3	—	5.0	1.10	4004200	3800	0.800	0.044	CIR 4.5 → 5.0
2	SB	1.10	1	1200	3	—	6.0	1.10	4007800	2900	0.720	0.046	CIR 5.0 → 6.0
3	SB	1.28	1	1300	3	—	6.0	1.28	4005200	2400	0.680	0.041	
4	SB	1.25	1	1300	3	—	6.0	1.25	4012800	2500	0.540	0.038	
5	OHJ	1.20	1	1300	3	—	6.0	1.20	4015300	2500	0.220	0.033	No Chlorines
6	SB	1.70	1	1200	3	—	6.0	1.70	4017800	2500	0.220	0.033	Changed # 2, 1
7	SB	1.41	1	1345	3	—	6.0	1.41	4020400	2500	0.208	0.046	
8	SB	1.44	1	0745	3	—	6.0	1.44	4022800	2500	0.113	0.053	
9	SB	1.56	1	0800	3	—	5.5	1.56	4024900	2100	0.102	0.044	CIR 6.0 → 5.5
10	SB	1.48	1	1000	3	—	5.5	1.48	4027600	2700	0.120	0.040	
11	SB	1.45	1	1045	3	—	5.5	1.45	4030000	2400	0.118	0.034	
12	OHJ	1.50	1	1500	3	—	5.5	1.50	4033200	3200	0.142	0.032	No Chlorines
13	SB	1.40	1	0830	3	—	5.5	1.40	4035000	1800	0.140	0.044	
14	SB	1.50	1	1030	3	—	5.5	1.50	4037700	2700	0.148	0.034	Changed # 3, 4
15	SB	1.44	1	1330	3	—	5.5	1.44	4040600	2400	0.103	0.043	
16	OHJ	1.41	1	1500	3	—	5.5	1.41	4043800	3200	0.201	0.036	
17	SB	1.34	1	1000	3	—	5.5	1.34	4045900	2100	0.213	0.053	
18	SB	1.42	1	1015	3	—	5.5	1.42	4048500	2600	0.116	0.044	
19	OHJ	1.50	1	1100	3	—	5.5	1.50	4050800	2300	0.093	0.046	
20	SB	1.42	1	0900	3	—	5.5	1.42	4052700	1900	0.074	0.042	
21	SB	1.40	1	1000	3	—	5.5	1.40	4055000	2300	0.066	0.034	
22	SB	1.43	1	1100	3	—	5.25	1.43	4057500	2500	0.141	0.031	CIR 5.5 → 5.25, Changed # 1
23	SB	1.58	1	1300	3	—	5.25	1.58	4060600	3100	0.241	0.060	
24	SB	1.37	1	1100	3	—	5.25	1.37	4065200	4600	0.810	0.044	
25	SB	1.20	1	0800	3	—	5.5	1.20	4067800	2600	0.121	0.047	Changed # 3, 4, CIR 5.25 → 5.5
26	SB	1.13	1	0945	3	—	5.5	1.13	4069800	2100	0.083	0.051	
27	SB	1.05	1	0730	3	—	6.75	1.05	4072300	2400	0.040	0.032	6.10 6.5 → 6.75
28	SB	1.28	1	1000	3	—	6.75	1.28	4074400	2600	0.077	0.033	
29	SB	1.43	1	0900	3	—	6.75	1.43	4077200	2300	0.052	0.054	
30	SB	1.67	1	1330	3	—	6.00	1.67	4080500	3300	0.044	0.080	CIR 6.75 → 6.00
31	SB	1.54	1	1030	3	—	6.00	1.54	4082400	2400	0.080	0.057	