

OHA - Drinking Water Services - Surface Water Quality Data Form

Cartridge or Bag Filtration

County: JosephineMonth/Year: July/2025System Name: ORCA O&MID#: 41 95706WTP 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	45	18	27	10	0.039	N A
2	45	16	29	10	0.042	
3	45	16	29	10	0.040	
4	45	16	29	10	0.037	
5	45	16	29	10	0.046	
6	45	N/A	N/A	10	—	
7	45	25	20	10	—	
8	N/A	N/A	N/A	10	—	
9	N/A	N/A	N/A	10	—	
10	N/A	N/A	N/A	10	—	
11	45	22	23	10	—	
12	N/A	N/A	N/A	10	—	
13	N/A	N/A	N/A	10	—	
14	45	22	23	10	—	
15	45	22	23	10	0.032	
16	45	21	24	10	0.038	
17	45	21	24	10	0.041	
18	45	20	25	10	0.039	
19	45	21	24	10	0.037	
20	45	20	25	10	0.042	
21	45	20	25	10	0.043	
22	45	20	25	10	0.040	
23	45	20	25	10	0.042	
24	45	20	25	10	0.038	
25	45	20	25	10	0.037	
26	45	21	24	10	0.042	
27	45	20	25	10	0.046	
28	45	20	25	10	0.062	
29	45	20	25	10	0.043	
30	45	20	25	10	0.041	
31	45	20	25	10	0.036	✓

Break in Plan:
Water off
while waiting
for parts

Fixed 7/14

Cartridge & Bag Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU?	☒ Yes / ☐ 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	☒ Yes / ☐ No	☒ Yes / ☐ No
Notes: PSI = pounds per square inch		PRINTED NAME: <u>David John</u>	
PSID = pounds per square inch difference (before filter - after filter)		SIGNATURE: <u>David John</u>	DATE: <u>08.08.25</u>
PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter, at what PSID.		PHONE #: <u>(541) 592.2100</u>	CERT #:

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.

D-09445

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP-:

Disinfection Giardia
Log Inactiv:

1

System Name: ORCA O&M

ID#: 41

95706

Month/Year:

5/14/2025

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	1.10	305	335.50	12	7.7	55	Yes	1.04
2	1.08	305	324.40	14	7.7	55	Yes	0.41
3	1.13	305	344.65	14	7.7	55	Y	0.83
4	1.14	305	362.95	14	7.7	55	Y	0.62
5	1.24	305	378.20	14	7.7	57	Y	0.41
6	1.04	305	332.45	14	7.7	55	Y	0.41
7	1.23	305	375.15	14	7.7	57	Y	1.45
8	1.32	305	402.60	14	7.7	57	Y	N/A
9	1.20	305	366.00	14	7.7	55	Y	N/A
10	1.06	305	323.30	14	7.7	55	Y	N/A
11	1.14	305	362.95	14	7.7	55	Y	0.83
12	1.13	305	344.65	14	7.7	55	Y	N/A
13	1.10	305	335.5	14	7.7	55	Y	N/A
14	1.05	305	320.25	14	7.7	55	Y	0.83
15	1.61	305	491.05	14	7.7	60	Y	0.41
16	1.64	305	515.45	14	7.7	60	Y	0.63
17	1.82	305	555.10	14	7.7	61	Y	0.63
18	2.03	305	619.15	14	7.7	62	Y	0.63
19	2.08	305	634.40	14	7.7	62	Y	1.25
20	1.41	305	582.55	14	7.7	61	Y	0.83
21	1.80	305	594.00	14	7.7	60	Y	1.04
22	1.68	305	512.40	14	7.7	60	Y	0.83
23	1.50	305	457.50	14	7.7	58	Y	1.45
24	1.32	305	402.60	14	7.7	57	Y	1.45
25	1.21	305	369.05	14	7.7	57	Y	1.25
26	1.26	305	384.30	14	7.7	57	Y	0.63
27	1.28	305	390.40	14	7.7	57	Y	0.63
28	1.31	305	394.55	14	7.7	57	Y	0.83
29	1.33	305	405.65	14	7.7	57	Y	0.63
30	1.32	305	423.95	14	7.7	57	Y	0.41
31	1.37	305	417.85	14	7.7	57	Y	0.83

Revised July 2018

² If Cl₂ 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

Month July Year 2025

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

Total: 9500

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	0845	3	—	3.5	1.10	9682100	500	0.175	0.039	
2	SB	1.08	1	1045	3	—	4.0	1.08	9682300	200	0.161	0.042	
3	SB	1.13	1	1130	3	—	4.0	1.13	9682700	400	0.203	0.040	
4	SB	1.19	1	1000	3	—	4.0	1.19	9683000	300	0.198	0.037	
5	SB	1.24	1	1000	3	—	4.0	1.24	9683200	200	0.214	0.046	
6	SB	1.09	1	0830	3	—	4.0	1.09	9683400	200	—	—	
7	SB	1.23	1	0900	3	—	4.0	1.23	9684100	400	—	—	Leak @ Meter inlet, water off
8	SB	1.32	1	0830	3	—	4.0	1.32	9684100	Q	—	—	Leak @ Valve inlet, filled tank, water off, changed 1,2,3,4
9	SB	1.20	1	0800	3	—	4.0	1.20	9684100	Q	—	—	Water off, level good
10	SB	1.06	1	0815	3	—	4.0	1.06	9684100	Q	—	—	Water off, lowered float for Contractors. Bought parts
11	SB	1.14	1	1330	3	—	5.0	1.14	9684500	400	—	—	+ 100 ml Cl to tank, water off
12	SB	1.13	1	1100	3	—	5.0	1.13	9684500	Q	—	—	+ 200 ml Cl to tank, made gal, water off, will take monitor
13	SB	1.10	1	1200	3	—	5.0	1.10	9684500	Q	—	—	
14	SB	1.05	1	1000	3	—	5.0	1.05	9684600	300	—	—	
15	SB	1.61	1	1000	3	—	5.0	1.61	9685000	200	0.222	0.032	+ 150 ml Cl. Repairs made
16	SB	1.69	1	0800	3	—	5.0	1.69	9685300	300	0.154	0.038	
17	SB	1.82	1	0800	3	—	5.0	1.82	9685600	300	0.163	0.041	
18	SB	2.03	1	0900	3	—	4.0	2.03	9685900	300	0.215	0.039	CIP 5.0 → 4.0
19	SB	2.08	1	1030	3	—	4.0	2.08	9686500	600	0.178	0.037	
20	SB	1.91	1	1000	3	—	4.0	1.91	9686900	400	0.184	0.042	
21	SB	1.80	1	1100	3	—	5.0	1.80	9687400	500	0.232	0.043	CIP 4.0 → 5.0
22	SB	1.68	1	0900	3	—	5.0	1.68	9687800	400	0.235	0.040	
23	SB	1.50	1	1000	3	—	5.0	1.50	9688500	700	0.171	0.042	
24	SB	1.32	1	1100	3	—	5.0	1.32	9689200	700	0.188	0.038	
25	SB	1.21	1	0815	3	—	5.5	1.21	9689800	600	0.255	0.037	CIP 5.0 → 5.5
26	SB	1.26	1	1000	3	—	5.5	1.26	9690100	300	0.238	0.042	
27	SB	1.28	1	1015	3	—	5.5	1.28	9690400	300	0.226	0.046	
28	SB	1.31	1	1400	3	—	5.5	1.31	9690800	400	0.267	0.062	
29	SB	1.33	1	1200	3	—	5.6	1.33	9691100	200	0.224	0.043	
30	SB	1.39	1	0800	3	—	5.5	1.39	9691300	100	0.196	0.041	
31	SB	1.37	1	0900	3	—	5.5	1.37	9691600	400	0.217	0.036	