

OHA - Drinking Water Services - Surface Water Quality Data Form

County: **Columbia**

Cartridge or Bag Filtration

Month/Year: **Jan-24**

System Name: **Marshland** ID#: **41 01449** WTP ID: **TP- A**

Day	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the day ♦ [NTU]
1	83.00	71.00	12	25.0	0.15	0.15
2	84.00	71.00	13	25.0	0.15	0.16
3	85.00	71.00	14	25.0	0.15	0.15
4	85.00	70.00	15	25.0	0.15	0.16
5	86.00	70.00	16	25.0	0.15	0.16
6	DNR	DNR	DNR	25.0	DNR	DNR
7	87.00	70.00	17	25.0	0.25	0.42
8	DNR	DNR	DNR	25.0	DNR	DNR
9	DNR	DNR	DNR	25.0	DNR	DNR
10	DNR	DNR	DNR	25.0	DNR	DNR
11	DNR	DNR	DNR	25.0	DNR	DNR
12	89.00	69.00	20	25.0	0.34	0.38
13	90.00	69.00	21	25.0	0.27	0.27
14	91.00	69.00	22	25.0	0.25	0.25
15	91.00	69.00	22	25.0	0.22	0.23
16	DNR	DNR	DNR	25.0	DNR	DNR
17	DNR	DNR	DNR	25.0	DNR	DNR
18	DNR	DNR	DNR	25.0	DNR	DNR
19	DNR	DNR	DNR	25.0	DNR	DNR
20	92.00	67.00	25	25.0	0.33	0.35
21	77.00	73.00	4	25.0	0.32	0.40
22	78.00	73.00	5	25.0	0.36	0.43
23	79.00	73.00	6	25.0	0.34	0.37
24	79.00	72.00	7	25.0	0.30	0.42
25	79.00	72.00	7	25.0	0.41	0.45
26	80.00	72.00	8	25.0	0.31	0.32
27	81.00	72.00	9	25.0	0.31	0.32
28	DNR	DNR	DNR	25.0	DNR	DNR
29	DNR	DNR	DNR	25.0	DNR	DNR
30	82.00	71.00	11	25.0	0.25	0.27
31	82.00	71.00	11	25.0	0.24	0.24

Cartridge & Bag Filtration	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU?	Yes	CT's met everyday? (see back)
All daily turbidity readings ≤ 5 NTU?	Yes	Yes
		All Cl ₂ residual at entry point ≥ 0.2 mg/L?
		Yes

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: **Micah Olson**
 SIGNATURE: *Micah Olson* DATE: **2/10/24**
 PHONE #: **(971) 563-3128** CERT #: **3794**

♦ 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: A
Giardia Log Inactivation Req'd: 1.0

System Name: Marshland	ID#: 41 01449	Month/Year: Jan-24
-------------------------------	----------------------	---------------------------

Date / Time	Minimum Cl ₂ Residual at 1 st User (C) [Ⓢ]	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? [Ⓢ]	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	0.3	144	43.2	8.1	7.00	40.4	YES	6
2	0.31	144	44.6	8.0	7.00	40.7	YES	4
3	0.29	144	41.8	7.9	7.00	40.9	YES	4
4	0.3	144	43.2	7.6	7.00	41.7	YES	3
5	0.51	144	73.4	7.6	7.00	42.7	YES	4
6	0.55	144	79.2	7.3	7.00	43.8	YES	4
7	0.57	144	82.1	7.3	7.00	43.9	YES	4
8	0.58	144	83.5	7.3	7.00	43.9	YES	3
9	0.48	144	69.1	6.9	7.00	44.6	YES	3
10	0.41	144	59.0	6.5	7.00	45.4	YES	3
11	0.63	144	90.7	6.6	7.00	46.3	YES	3
12	0.83	144	119.5	6.2	6.90	46.9	YES	3
13	0.74	144	106.6	5.1	6.90	50.0	YES	4
14	0.68	144	97.9	4.7	6.90	51.0	YES	5
15	0.61	144	87.8	4.4	6.90	51.6	YES	5
16	0.6	144	86.4	4.3	6.90	51.9	YES	7
17	0.58	144	83.5	4.4	6.90	51.4	YES	13
18	0.55	144	79.2	4.6	6.90	50.6	YES	3
19	0.51	144	73.4	4.7	6.90	50.0	YES	3
20	0.68	144	97.9	4.8	6.90	50.6	YES	4
21	0.71	144	102.2	5.8	6.90	47.5	YES	5
22	0.45	144	64.8	6.4	6.90	44.4	YES	4
23	0.4	144	57.6	6.6	6.90	43.5	YES	3
24	0.34	144	49.0	7.1	6.90	41.8	YES	4
25	0.51	144	73.4	7.3	6.80	40.6	YES	4
26	0.62	144	89.3	7.6	6.80	40.3	YES	4
27	0.76	144	109.4	7.8	6.80	40.5	YES	7
28	0.67	144	96.5	8.4	6.80	38.5	YES	5
29	0.59	144	85.0	8.8	6.80	37.2	YES	4
30	0.66	144	95.0	9.0	6.80	37.0	YES	3
31	0.47	144	67.7	9.5	6.80	35.1	YES	6

[Ⓢ] If Cl₂ at entry point < 0.2 mg/L or CT not met, notify DWS within 24 hours.

Revised July 2018

Return by 10th of following month by email, fax, or mail to:
 dwp.dmce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350