

OHA - Drinking Water Services - Surface Water Quality Data Form

County: **Columbia**

Cartridge or Bag Filtration

Month/Year: **Jul-23**

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	85.00	63.00	22.00	25.0	0.20	0.21
2	86.00	63.00	23.00	25.0	0.21	0.22
3	87.00	62.00	25.00	25.0	0.21	0.21
4	79.00	69.00	10.00	25.0	0.21	0.21
5	80.00	69.00	11.00	25.0	0.20	0.21
6	81.00	69.00	12.00	25.0	0.18	0.19
7	82.00	68.00	14.00	25.0	0.20	0.21
8	83.00	68.00	15.00	25.0	0.20	0.20
9	84.00	67.00	17.00	25.0	0.21	0.21
10	85.00	67.00	18.00	25.0	0.21	0.21
11	86.00	67.00	19.00	25.0	0.21	0.21
12	82.00	72.00	10.00	25.0	0.18	0.20
13	83.00	72.00	11.00	25.0	0.18	0.19
14	84.00	71.00	13.00	25.0	0.18	0.19
15	87.00	69.00	18.00	25.0	0.18	0.19
16	78.00	74.00	4.00	25.0	0.19	0.20
17	78.00	74.00	4.00	25.0	0.21	0.21
18	79.00	74.00	5.00	25.0	0.20	0.21
19	79.00	74.00	5.00	25.0	0.20	0.20
20	79.00	73.00	6.00	25.0	0.19	0.20
21	80.00	73.00	7.00	25.0	0.20	0.22
22	80.00	73.00	7.00	25.0	0.19	0.20
23	81.00	73.00	8.00	25.0	0.20	0.22
24	82.00	73.00	9.00	25.0	0.20	0.20
25	82.00	72.00	10.00	25.0	0.20	0.20
26	83.00	72.00	11.00	25.0	0.20	0.20
27	83.00	71.00	12.00	25.0	0.20	0.20
28	84.00	71.00	13.00	25.0	0.19	0.20
29	85.00	71.00	14.00	25.0	0.20	0.20
30	85.00	70.00	15.00	25.0	0.19	0.19
31	86.00	70.00	16.00	25.0	0.20	0.21

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 Cl ₂ 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
 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: 08/10/23
 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**

System Name: Marshland	ID#: 41 01449	Month/Year: Jul-23	Giardia Log Inactivation Req'd: 1.0
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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	0.41	144	59.0	15.0	6.80	23.6	YES	7
2	0.4	144	57.6	15.1	6.80	23.4	YES	12
3	0.39	144	56.2	15.4	6.80	22.9	YES	18
4	0.43	144	61.9	15.5	6.80	22.9	YES	14
5	0.43	144	61.9	15.9	6.80	22.3	YES	11
6	0.43	144	61.9	16.0	6.90	23.0	YES	7
7	0.44	144	63.4	15.8	6.90	23.3	YES	10
8	0.43	144	61.9	15.5	6.90	23.8	YES	7
9	0.42	144	60.5	15.4	6.90	23.9	YES	5
10	0.43	144	61.9	15.4	6.90	23.9	YES	5
11	0.45	144	64.8	15.4	6.80	23.1	YES	8
12	0.52	144	74.9	15.5	6.80	23.1	YES	7
13	0.63	144	90.7	15.8	6.80	23.0	YES	7
14	0.68	144	97.9	16.0	6.80	22.8	YES	8
15	0.6	144	86.4	16.4	6.80	22.0	YES	8
16	0.26	144	37.4	16.6	6.80	20.9	YES	9
17	0.71	144	102.2	16.4	6.90	23.1	YES	13
18	0.62	144	89.3	16.5	6.90	22.7	YES	8
19	0.62	144	89.3	16.6	6.90	22.6	YES	8
20	0.61	144	87.8	16.7	6.80	21.6	YES	9
21	0.63	144	90.7	16.8	6.80	21.5	YES	11
22	0.65	144	93.6	16.8	6.80	21.5	YES	12
23	0.6	144	86.4	16.9	6.80	21.2	YES	7
24	0.56	144	80.6	16.5	6.80	21.7	YES	8
25	0.53	144	76.3	16.3	6.80	21.9	YES	4
26	0.5	144	72.0	16.3	6.90	22.7	YES	8
27	0.49	144	70.6	16.2	6.90	22.8	YES	7
28	0.5	144	72.0	16.2	6.90	22.9	YES	3
29	0.49	144	70.6	16.3	6.90	22.7	YES	5
30	0.48	144	69.1	16.3	6.90	22.7	YES	7
31	0.46	144	66.2	16.4	6.90	22.5	YES	5

[⊖] 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