

OHA - Drinking Water Services - Surface Water Quality Data Form

County: **Columbia**

Cartridge or Bag Filtration

Month/Year: **Feb-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	86.00	67.00	19.00	25.0	0.27	0.27
2	86.00	67.00	19.00	25.0	0.28	0.28
3	87.00	67.00	20.00	25.0	0.26	0.28
4	87.00	66.00	21.00	25.0	0.29	0.32
5	88.00	66.00	22.00	25.0	0.26	0.28
6	88.00	65.00	23.00	25.0	0.24	0.24
7	89.00	65.00	24.00	25.0	0.23	0.34
8	89.00	65.00	24.00	25.0	0.26	0.28
9	90.00	65.00	25.00	25.0	0.26	0.26
10	79.00	69.00	10.00	25.0	0.24	0.24
11	79.00	69.00	10.00	25.0	0.23	0.23
12	80.00	69.00	11.00	25.0	0.23	0.23
13	80.00	68.00	12.00	25.0	0.23	0.25
14	81.00	68.00	13.00	25.0	0.24	0.25
15	82.00	68.00	14.00	25.0	0.24	0.24
16	83.00	68.00	15.00	25.0	0.24	0.24
17	83.00	68.00	15.00	25.0	0.25	0.26
18	83.00	67.00	16.00	25.0	0.26	0.27
19	84.00	67.00	17.00	25.0	0.27	0.27
20	85.00	67.00	18.00	25.0	0.27	0.27
21	85.00	66.00	19.00	25.0	0.28	0.30
22	86.00	66.00	20.00	25.0	0.30	0.30
23	87.00	66.00	21.00	25.0	0.28	0.28
24	87.00	65.00	22.00	25.0	0.28	0.29
25	88.00	65.00	23.00	25.0	0.29	0.29
26	88.00	64.00	24.00	25.0	0.30	0.33
27	88.00	64.00	24.00	25.0	0.30	0.30
28	89.00	64.00	25.00	25.0	0.35	0.37

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 Cl <sub>2</sub> 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: **Micah Olson**  
 SIGNATURE: *Micah Olson* DATE: \_\_\_\_\_  
 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 - :	<b>A</b>
Giardia Log Inactivation Req'd:	<b>1.0</b>

System Name:	<b>Marshland</b>	ID#: <b>41 01449</b>	Month/Year:	<b>Feb-23</b>
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Date / Time	Minimum Cl <sub>2</sub> Residual at 1 <sup>st</sup> User ( C ) <sup>Ⓢ</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>Ⓢ</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	<b>C X T</b>	[° C]		formula	Yes / No	[GPM]
1	0.55	144	79.2	5.2	6.70	45.3	YES	6
2	0.56	144	80.6	5.1	6.70	45.6	YES	7
3	0.53	144	76.3	5.3	6.70	44.9	YES	6
4	0.51	144	73.4	5.9	6.70	43.0	YES	6
5	0.41	144	59.0	6.5	6.80	42.4	YES	7
6	0.42	144	60.5	6.7	6.80	41.8	YES	6
7	0.41	144	59.0	7.2	6.80	40.5	YES	7
8	0.42	144	60.5	7.1	6.80	40.8	YES	7
9	0.42	144	60.5	7.1	6.80	40.8	YES	6
10	0.48	144	69.1	7.3	6.80	40.5	YES	6
11	0.53	144	76.3	7.3	6.90	42.2	YES	7
12	0.52	144	74.9	7.2	6.90	42.4	YES	7
13	0.51	144	73.4	7.0	6.90	42.9	YES	8
14	0.47	144	67.7	6.5	6.90	44.2	YES	6
15	0.48	144	69.1	6.0	6.90	45.7	YES	7
16	0.49	144	70.6	5.8	6.90	46.4	YES	7
17	0.5	144	72.0	6.1	6.90	45.5	YES	6
18	0.49	144	70.6	6.3	6.90	44.9	YES	6
19	0.48	144	69.1	6.6	6.80	42.4	YES	7
20	0.5	144	72.0	7.1	6.90	42.6	YES	5
21	0.48	144	69.1	6.8	6.90	43.3	YES	6
22	0.44	144	63.4	6.6	6.90	43.7	YES	7
23	0.47	144	67.7	5.8	6.90	46.3	YES	8
24	0.51	144	73.4	5.3	6.90	48.0	YES	8
25	0.55	144	79.2	4.6	6.90	50.6	YES	8
26	0.54	144	77.8	4.6	6.80	48.7	YES	7
27	0.53	144	76.3	4.8	6.80	48.0	YES	6
28	0.47	144	67.7	4.9	6.80	47.4	YES	6

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

Revised July 2018

**Return by 10<sup>th</sup> 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