

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Columbia

Cartridge or Bag Filtration

Month/Year: Jul-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	87.00	66.00	21.00	25.0	0.14	0.14			
2	87.00	65.00	22.00	25.0	0.13	0.14			
3	88.00	65.00	23.00	25.0	0.13	0.13			
4	82.00	69.00	13.00	25.0	0.14	0.14			
5	83.00	69.00	14.00	25.0	0.14	0.14			
6	83.00	69.00	14.00	25.0	0.13	0.15			
7	83.00	68.00	15.00	25.0	0.14	0.14			
8	84.00	68.00	16.00	25.0	0.13	0.14			
9	85.00	68.00	17.00	25.0	0.13	0.13			
10	86.00	68.00	18.00	25.0	0.13	0.14			
11	86.00	67.00	19.00	25.0	0.13	0.13			
12	87.00	67.00	20.00	25.0	0.13	0.14			
13	88.00	67.00	21.00	25.0	0.14	0.14			
14	89.00	67.00	22.00	25.0	0.13	0.14			
15	89.00	66.00	23.00	25.0	0.14	0.15			
16	90.00	66.00	24.00	25.0	0.14	0.14			
17	90.00	66.00	24.00	25.0	0.13	0.14			
18	91.00	66.00	25.00	25.0	0.13	0.13			
19	77.00	72.00	5.00	25.0	0.14	0.14			
20	77.00	72.00	5.00	25.0	0.14	0.15			
21	77.00	72.00	5.00	25.0	0.14	0.15			
22	77.00	71.00	6.00	25.0	0.13	0.14			
23	78.00	71.00	7.00	25.0	0.13	0.14			
24	78.00	71.00	7.00	25.0	0.13	0.14			
25	79.00	71.00	8.00	25.0	0.14	0.14			
26	79.00	70.00	9.00	25.0	0.14	0.14			
27	79.00	70.00	9.00	25.0	0.13	0.14			
28	79.00	70.00	9.00	25.0	0.13	0.13			
29	80.00	70.00	10.00	25.0	0.14	0.15			
30	80.00	70.00	10.00	25.0	0.14	0.15			
31	80.00	69.00	11.00	25.0	0.13	0.14			

<b>Cartridge &amp; Bag Filtration</b>		<b>Monthly Summary (Answer Yes or No)</b>	
95% of daily turbidity readings ≤ 1 NTU?	<input checked="" type="radio"/> Yes <input type="radio"/> No	CT's met everyday? (see back)	<input checked="" type="radio"/> Yes <input type="radio"/> No
All daily turbidity readings ≤ 5 NTU?	<input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l?	<input checked="" type="radio"/> Yes <input type="radio"/> No
<p>Notes: PSI = pounds per square inch</p> <p>PSID = pounds per square inch difference (before filter - after filter)</p> <p>PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter, at what PSID.</p>		<p>PRINTED NAME: MICAH OLSON</p> <p>SIGNATURE: <i>M Olson</i>      DATE: 8-9-24</p> <p>PHONE #: ( 503 )971-3128      CERT #: 3784</p>	

\* 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: <b>Marshland</b>	ID#: <b>41 01449</b>	Month/Year: <b>Jul-24</b>	<i>Giardia</i> Log Inactivation Req'd: <b>1.0</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]	C X T	[° C]		formula	Yes / No	[GPM]
1	0.4	144	57.6	15.0	6.80	23.6	YES	F
2	0.56	144	80.6	15.0	6.80	24.0	YES	5
3	0.61	144	87.8	14.9	6.80	24.3	YES	10
4	0.58	144	83.5	14.9	6.90	25.2	YES	11
5	0.47	144	67.7	15.5	6.80	23.0	YES	10
6	0.34	144	49.0	16.0	6.80	21.9	YES	5
7	0.24	144	34.6	16.8	6.80	20.5	YES	8
8	0.28	144	40.3	17.3	6.80	19.9	YES	8
9	0.3	144	43.2	17.7	6.80	19.4	YES	6
10	0.28	144	40.3	17.5	6.80	19.7	YES	7
11	0.26	144	37.4	17.1	6.80	20.2	YES	8
12	0.54	144	77.8	17.0	6.90	21.8	YES	6
13	0.77	144	110.9	16.8	6.90	22.6	YES	5
14	0.68	144	97.9	16.5	6.90	22.9	YES	5
15	0.61	144	87.8	16.8	6.90	22.2	YES	4
16	0.42	144	60.5	17.0	6.90	21.5	YES	8
17	0.43	144	61.9	16.9	6.80	20.8	YES	8
18	0.41	144	59.0	16.7	6.90	21.9	YES	4
19	0.47	144	67.7	16.8	6.90	21.9	YES	8
20	0.51	144	73.4	16.9	6.90	21.8	YES	8
21	0.5	144	72.0	16.8	6.90	22.0	YES	4
22	0.46	144	66.2	16.7	6.90	22.0	YES	10
23	0.42	144	60.5	16.3	6.90	22.5	YES	5
24	0.39	144	56.2	16.0	6.80	22.0	YES	4
25	0.42	144	60.5	16.0	6.80	22.1	YES	7
26	0.44	144	63.4	15.9	6.80	22.3	YES	8
27	0.41	144	59.0	16.0	6.80	22.1	YES	7
28	0.4	144	57.6	16.0	6.80	22.1	YES	5
29	0.41	144	59.0	15.6	6.80	22.7	YES	4
30	0.42	144	60.5	15.7	6.80	22.6	YES	4
31	0.41	144	59.0	16.0	6.80	22.1	YES	11

<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