

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Columbia

Cartridge or Bag Filtration

Month/Year: Jun-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	80.00	64.00	16.00	25.0	0.24	0.26		
2	81.00	64.00	17.00	25.0	0.25	0.27		
3	81.00	63.00	18.00	25.0	0.24	0.25		
4	82.00	63.00	19.00	25.0	0.24	0.25		
5	83.00	63.00	20.00	25.0	0.25	0.26		
6	84.00	63.00	21.00	25.0	0.25	0.26		
7	84.00	62.00	22.00	25.0	0.24	0.26		
8	85.00	62.00	23.00	25.0	0.22	0.25		
9	85.00	61.00	24.00	25.0	0.25	0.28		
10	86.00	61.00	25.00	25.0	0.25	0.26		
11	74.00	68.00	6.00	25.0	0.23	0.24		
12	74.00	68.00	6.00	25.0	0.22	0.23		
13	75.00	68.00	7.00	25.0	0.22	0.23		
14	75.00	67.00	8.00	25.0	0.23	0.24		
15	76.00	67.00	9.00	25.0	0.20	0.23		
16	77.00	67.00	10.00	25.0	0.20	0.20		
17	77.00	67.00	10.00	25.0	0.20	0.21		
18	77.00	66.00	11.00	25.0	0.19	0.20		
19	78.00	66.00	12.00	25.0	0.19	0.20		
20	79.00	66.00	13.00	25.0	0.20	0.21		
21	80.00	66.00	14.00	25.0	0.20	0.22		
22	80.00	65.00	15.00	25.0	0.20	0.20		
23	81.00	65.00	16.00	25.0	0.20	0.20		
24	81.00	65.00	16.00	25.0	0.20	0.20		
25	81.00	64.00	17.00	25.0	0.19	0.20		
26	82.00	64.00	18.00	25.0	0.20	0.20		
27	82.00	64.00	18.00	25.0	0.20	0.20		
28	82.00	63.00	19.00	25.0	0.20	0.20		
29	83.00	63.00	20.00	25.0	0.20	0.21		
30	84.00	63.00	21.00	25.0	0.21	0.24		

Cartridge & Bag Filtration

Monthly Summary (Answer Yes or No)

95% of daily turbidity readings  $\leq$  1 NTU?

Yes /  No

CT's met everyday? (see back)

Yes /  No

All Cl<sub>2</sub> residual at entry point  $\geq$  0.2 mg/L?

Yes /  No

All daily turbidity readings  $\leq$  5 NTU?

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: *[Signature]*

DATE: 7-10-23

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:	Jun-23	Giardia Log Inactivation Req'd:	1.0
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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	0.47	144	67.7	12.9	6.60	25.4	YES	8
2	0.49	144	70.6	13.0	6.60	25.3	YES	6
3	0.5	144	72.0	13.0	6.60	25.3	YES	7
4	0.55	144	79.2	13.0	6.60	25.5	YES	9
5	0.54	144	77.8	13.2	6.60	25.1	YES	9
6	0.54	144	77.8	14.0	6.60	23.8	YES	7
7	0.53	144	76.3	14.1	6.60	23.6	YES	7
8	0.5	144	72.0	14.0	6.60	23.7	YES	11
9	0.48	144	69.1	13.4	6.60	24.6	YES	8
10	0.45	144	64.8	13.5	6.60	24.4	YES	7
11	0.46	144	66.2	13.7	6.60	24.1	YES	10
12	0.47	144	67.7	14.2	6.60	23.3	YES	10
13	0.48	144	69.1	14.3	6.60	23.2	YES	9
14	0.5	144	72.0	14.0	6.60	23.7	YES	11
15	0.49	144	70.6	13.9	6.70	24.7	YES	11
16	0.49	144	70.6	14.8	6.70	23.3	YES	9
17	0.49	144	70.6	13.8	6.70	24.9	YES	6
18	0.49	144	70.6	13.3	6.70	25.8	YES	7
19	0.49	144	70.6	13.0	6.70	26.3	YES	6
20	0.51	144	73.4	12.9	6.70	26.5	YES	11
21	0.48	144	69.1	12.8	6.70	26.6	YES	7
22	0.45	144	64.8	13.5	6.70	25.3	YES	7
23	0.42	144	60.5	13.9	6.70	24.5	YES	7
24	0.41	144	59.0	14.0	6.70	24.3	YES	8
25	0.4	144	57.6	14.0	6.80	25.2	YES	7
26	0.48	144	69.1	14.1	6.80	25.3	YES	8
27	0.52	144	74.9	14.2	6.80	25.3	YES	8
28	0.54	144	77.8	14.5	6.80	24.8	YES	7
29	0.56	144	80.6	14.8	6.80	24.4	YES	8
30	0.5	144	72.0	15.0	6.80	23.9	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