

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Columbia

Cartridge or Bag Filtration

Month/Year: Apr-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	DNR	DNR	DNR	25.0	DNR	DNR
2	DNR	DNR	DNR	25.0	DNR	DNR
3	78.00	65.00	13.00	25.0	0.36	0.37
4	79.00	65.00	14.00	25.0	0.32	0.34
5	79.00	64.00	15.00	25.0	0.29	0.30
6	80.00	64.00	16.00	25.0	0.29	0.31
7	81.00	64.00	17.00	25.0	0.31	0.33
8	74.00	69.00	5.00	25.0	0.29	0.29
9	75.00	69.00	6.00	25.0	0.28	0.39
10	76.00	68.00	8.00	25.0	0.36	0.49
11	78.00	68.00	10.00	25.0	0.50	0.53
12	79.00	68.00	11.00	25.0	0.50	0.64
13	79.00	67.00	12.00	25.0	0.45	0.47
14	80.00	67.00	13.00	25.0	0.40	0.42
15	80.00	66.00	14.00	25.0	0.36	0.38
16	81.00	66.00	15.00	25.0	0.37	0.44
17	82.00	66.00	16.00	25.0	0.37	0.39
18	82.00	65.00	17.00	25.0	0.38	0.40
19	83.00	65.00	18.00	25.0	0.42	0.44
20	84.00	64.00	20.00	25.0	0.39	0.63
21	85.00	64.00	21.00	25.0	0.39	0.40
22	87.00	62.00	25.00	25.0	0.38	0.43
23	74.00	69.00	5.00	25.0	0.34	0.40
24	75.00	69.00	6.00	25.0	0.32	0.43
25	76.00	69.00	7.00	25.0	0.34	0.34
26	76.00	68.00	8.00	25.0	0.32	0.33
27	77.00	68.00	9.00	25.0	0.31	0.31
28	78.00	68.00	10.00	25.0	0.31	0.32
29	79.00	68.00	11.00	25.0	0.31	0.34
30	79.00	67.00	12.00	25.0	0.30	0.30

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 ₂ 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: *M. Olson* DATE: 5/5/23
 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: Apr-23	Giardia Log Inactivation Req'd: 1.0
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Date / Time	Minimum Cl ₂ Residual at 1 st User (C) ²²	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ²³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	0.47	144	67.7	4.9	7.00	50.9	YES	7
2	0.47	144	67.7	5.0	7.00	50.6	YES	7
3	0.47	144	67.7	5.1	7.00	50.2	YES	5
4	0.5	144	72.0	5.3	7.00	49.7	YES	9
5	0.49	144	70.6	5.3	7.00	49.7	YES	7
6	0.48	144	69.1	5.4	7.00	49.3	YES	7
7	0.45	144	64.8	5.8	7.00	47.8	YES	7
8	0.44	144	63.4	5.8	7.00	47.8	YES	8
9	0.41	144	59.0	5.9	7.00	47.3	YES	7
10	0.39	144	56.2	6.0	7.00	46.9	YES	7
11	0.33	144	47.5	6.2	7.00	45.9	YES	7
12	0.37	144	53.3	6.3	7.00	45.8	YES	7
13	0.4	144	57.6	6.7	7.00	44.8	YES	6
14	0.44	144	63.4	6.6	7.00	45.3	YES	6
15	0.5	144	72.0	6.6	7.00	45.6	YES	6
16	0.58	144	83.5	6.5	7.00	46.3	YES	10
17	0.63	144	90.7	6.6	7.00	46.3	YES	6
18	0.54	144	77.8	7.2	6.90	42.5	YES	7
19	0.43	144	61.9	8.1	6.90	39.6	YES	5
20	0.38	144	54.7	7.9	6.90	39.9	YES	6
21	0.31	144	44.6	8.3	6.80	37.2	YES	7
22	0.36	144	51.8	8.1	6.80	37.9	YES	5
23	0.36	144	51.8	7.7	6.80	38.9	YES	7
24	0.37	144	53.3	7.5	6.80	39.5	YES	6
25	0.34	144	49.0	7.3	6.80	39.9	YES	7
26	0.36	144	51.8	7.2	6.80	40.2	YES	12
27	0.42	144	60.5	7.0	6.80	41.0	YES	11
28	0.47	144	67.7	7.2	6.80	40.7	YES	8
29	0.5	144	72.0	7.4	6.90	41.8	YES	8
30	0.53	144	76.3	7.6	6.90	41.4	YES	7

²² If Cl₂ at entry point < 0.2 mg/L or CT not met, notify DWS within 24 hours.

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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