

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Jul-23

System Name: Lake Selmac - Osprey ID#: 41 WTP ID: 90186 TP-

Day	PSI Before Filter	PSI After Filter	PSID	PSID When to Change Filter	Daily Turbidity Reading [NTU]	Highest Reading of the day ¹ [NTU]
1	55	40	15	60	0.121	0.121
2	55	40	15	60	0.192	0.192
3	55	40	15	60	0.132	0.132
4	55	40	15	60	0.149	0.149
5	55	40	15	60	0.136	0.136
6	55	40	15	60	0.234	0.234
7	55	40	15	60	0.061	0.061
8	55	40	15	60	0.104	0.104
9	55	40	15	60	0.191	0.191
10	55	40	15	60	0.196	0.196
11	55	40	15	60	0.198	0.198
12	55	40	15	60	0.054	0.054
13	55	40	15	60	0.129	0.129
14	55	40	15	60	0.046	0.046
15	55	40	15	60	0.176	0.176
16	55	40	15	60	0.076	0.076
17	55	40	15	60	0.091	0.091
18	55	40	15	60	0.061	0.061
19	55	40	15	60	0.143	0.143
20	55	40	15	60	0.067	0.067
21	55	40	15	60	0.182	0.182
22	55	40	15	60	0.075	0.075
23	55	40	15	60	0.092	0.092
24	55	40	15	60	0.123	0.123
25	55	40	15	60	0.059	0.059
26	55	40	15	60	0.045	0.045
27	55	40	15	60	0.129	0.129
28	55	40	15	60	0.049	0.049
29	55	40	15	60	0.078	0.078
30	60	40	20	60	0.092	0.092
31	40	40	0	60	0.097	0.097

Cartridge & Bag Filtration			
95% of daily turbidity readings ≤ 1 NTU?	Yes	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	Yes	YES	YES

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:	
SIGNATURE:	DATE:
PHONE #: ()	CERT #: 2379

¹ 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-: 90186

System Name:	Lake Selmac - Osprey	ID#: 41	Month/Year:	Jul-23	Disinfection <i>Giardia</i> Log Inactiv:	1
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Date / Time	Minimum Cl ₂ Residual at 1st User (C) ²	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ²	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	1.2	40	48.0	20.6	7.0	19.2	YES	0.791667
2	1.3	40	52.0	21.1	7.0	18.7	YES	0.791667
3	1.3	40	52.0	21.7	7.0	18.0	YES	1.208333
4	1.2	40	48.0	22.2	7.0	17.1	YES	1.208333
5	1.2	40	48.0	23.9	7.0	15.3	YES	2.784722
6	1.3	40	52.0	22.2	7.0	17.3	YES	2.784722
7	1.3	40	52.0	23.3	7.0	16.1	YES	2.784722
8	1.2	40	48.0	23.9	7.0	15.3	YES	1.013889
9	1.2	40	48.0	23.9	7.0	15.3	YES	1.243056
10	1.1	40	44.0	23.9	7.1	15.7	YES	1.243056
11	1.2	40	48.0	23.3	7.0	15.9	YES	1.131944
12	1.1	40	44.0	22.8	7.0	16.3	YES	0.142361
13	1.1	40	44.0	22.8	7.0	16.3	YES	0.142361
14	1.2	40	48.0	23.3	7.0	15.9	YES	0.298611
15	1.1	40	44.0	23.3	7.0	15.7	YES	0.298611
16	1.1	40	44.0	23.3	7.0	15.7	YES	0.298611
17	1.0	40	40.0	23.9	7.1	15.5	YES	0.777778
18	0.9	40	36.0	23.3	7.0	15.3	YES	0.777778
19	0.8	40	32.0	23.3	7.0	15.1	YES	1.794444
20	0.8	40	32.0	22.2	7.1	17.0	YES	1.794444
21	0.7	40	28.0	23.3	7.1	15.6	YES	1.794444
22	0.7	40	28.0	23.3	7.1	15.6	YES	1.794444
23	1.0	40	40.0	23.9	7.1	15.5	YES	1.794444
24	1.0	40	40.0	23.9	7.0	14.9	YES	1.506944
25	1.0	40	40.0	24.4	7.1	14.9	YES	1.5625
26	1.2	40	48.0	24.4	7.1	15.3	YES	1.5625
27	1.2	40	48.0	25.0	7.1	14.7	YES	0.826389
28	1.2	40	48.0	24.4	7.1	15.3	YES	1.913194
29	1.1	40	44.0	23.9	7.1	15.7	YES	1.913194
30	1.1	40	44.0	23.9	7.0	15.1	YES	1.913194
31	1.2	40	48.0	24.4	7.0	14.7	YES	1.913194

² 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@oha.oregon.gov; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350