

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Oct-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	50	40	10	60	0.189	0.189
2	50	40	10	60	0.161	0.161
3	50	40	10	60	0.177	0.177
4	50	40	10	60	0.162	0.162
5	50	40	10	60	0.141	0.141
6	50	40	10	60	0.171	0.171
7	50	40	10	60	0.165	0.165
8	50	40	10	60	0.213	0.213
9	50	40	10	60	0.191	0.191
10	50	40	10	60	0.544	0.544
11	50	40	10	60	0.134	0.134
12	50	40	10	60	0.252	0.252
13	50	40	10	60	0.261	0.261
14	50	40	10	60	0.200	0.200
15	50	40	10	60	0.251	0.251
16	50	40	10	60	0.176	0.176
17	50	40	10	60	0.153	0.153
18	50	40	10	60	0.231	0.231
19	50	40	10	60	0.180	0.180
20	50	40	10	60	0.115	0.115
21	50	40	10	60	0.154	0.154
22	50	40	10	60	0.178	0.178
23	50	40	10	60	0.242	0.242
24	50	40	10	60	0.191	0.191
25	50	40	10	60	0.165	0.165
26	55	40	15	60	0.197	0.197
27	55	40	15	60	0.145	0.145
28	55	40	15	60	0.332	0.332
29	55	40	15	60	0.251	0.251
30	55	40	15	60	0.184	0.184
31	55	40	15	60	0.231	0.231

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:	Oct-23	Disinfection Giardia 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	1.1	40	44.0	16.0	6.9	24.8	YES	1.150463
2	1.0	40	40.0	16.8	7.1	25.1	YES	1.150463
3	0.7	40	28.0	15.9	6.9	23.9	YES	1.150463
4	0.6	40	24.0	15.5	6.8	23.4	YES	1.150463
5	0.7	40	28.0	16.8	6.9	22.5	YES	0.385417
6	0.8	40	32.0	16.2	6.8	22.8	YES	0.385417
7	0.7	40	28.0	16.2	7.0	24.3	YES	0.888889
8	0.8	40	32.0	16.0	7.1	25.8	YES	0.888889
9	0.8	40	32.0	16.0	7.1	25.8	YES	0.888889
10	0.8	40	32.0	17.1	7.1	24.0	YES	0.576389
11	0.8	40	32.0	16.2	7.0	24.6	YES	0.576389
12	1.0	40	40.0	15.5	7.2	28.4	YES	0.666667
13	1.1	40	44.0	16.4	7.1	26.0	YES	0.666667
14	1.0	40	40.0	15.1	7.1	28.1	YES	0.899306
15	0.8	40	32.0	16.0	7.0	24.9	YES	0.899306
16	0.8	40	32.0	16.0	7.0	24.9	YES	0.899306
17	0.7	40	28.0	15.7	7.0	25.1	YES	0.414352
18	0.8	40	32.0	16.0	7.0	24.9	YES	0.414352
19	0.8	40	32.0	17.2	6.8	21.3	YES	0.414352
20	0.7	40	28.0	17.6	6.8	20.5	YES	0.655093
21	0.7	40	28.0	17.1	6.9	22.0	YES	0.655093
22	0.7	40	28.0	16.0	7.2	26.5	YES	0.655093
23	0.8	40	32.0	16.0	7.1	25.8	YES	0.761574
24	0.9	40	36.0	16.9	7.0	23.7	YES	0.761574
25	0.8	40	32.0	16.7	7.1	24.7	YES	1.069444
26	0.8	40	32.0	13.0	7.0	30.4	YES	1.069444
27	0.8	40	32.0	13.0	7.0	30.4	YES	0.409722
28	1.0	40	40.0	12.4	7.0	33.1	YES	0.409722
29	0.8	40	32.0	16.0	7.1	25.8	YES	0.409722
30	0.8	40	32.0	16.0	7.2	26.8	YES	0.409722
31	0.9	40	36.0	12.1	7.1	34.5	YES	0.409722

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