

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Jun-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	40	40	0	60	0.058	0.058
2	40	40	0	60	0.059	0.059
3	40	40	0	60	0.056	0.056
4	40	40	0	60	0.070	0.070
5	40	40	0	60	0.073	0.073
6	40	40	0	60	0.097	0.097
7	45	40	5	60	0.079	0.079
8	45	40	5	60	0.065	0.065
9	45	40	5	60	0.080	0.080
10	45	40	5	60	0.126	0.126
11	45	40	5	60	0.179	0.179
12	45	40	5	60	0.114	0.114
13	45	40	5	60	0.084	0.084
14	45	40	5	60	0.149	0.149
15	50	40	10	60	0.083	0.083
16	50	40	10	60	0.076	0.076
17	50	40	10	60	0.019	0.019
18	50	40	10	60	0.131	0.131
19	50	40	10	60	0.129	0.129
20	50	40	10	60	0.058	0.058
21	50	40	10	60	0.019	0.019
22	50	40	10	60	0.112	0.112
23	50	40	10	60	0.051	0.051
24	50	40	10	60	0.058	0.058
25	55	40	15	60	0.271	0.271
26	55	40	15	60	0.192	0.192
27	55	40	15	60	0.063	0.063
28	55	40	15	60	0.128	0.128
29	55	40	15	60	0.109	0.109
30	55	40	15	60	0.129	0.129
31		40		60		

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:	Jun-23	Disinfection <i>Giardia</i> Log Inactiv:	1
---------------------	-----------------------------	----------------	--------------------	---------------	---	----------

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	1.4	40	56.0	17.8	7.0	23.7	YES	0.225694
2	1.5	40	60.0	18.3	7.0	23.1	YES	0.310185
3	1.4	40	56.0	19.4	7.0	21.2	YES	0.310185
4	1.2	40	48.0	19.4	7.0	20.7	YES	0.310185
5	1.1	40	44.0	19.4	7.0	20.4	YES	1.185185
6	1.3	40	52.0	19.4	7.0	20.9	YES	1.185185
7	1.3	40	52.0	19.4	7.0	20.9	YES	1.185185
8	1.2	40	48.0	19.4	7.0	20.7	YES	0.730903
9	1.2	40	48.0	20.0	7.0	19.9	YES	0.730903
10	1.2	40	48.0	20.0	7.1	20.7	YES	0.730903
11	1.1	40	44.0	20.0	7.1	20.4	YES	0.730903
12	0.8	40	32.0	21.1	7.1	18.3	YES	0.761574
13	1.2	40	48.0	20.0	7.1	20.7	YES	0.761574
14	1.2	40	48.0	20.0	7.1	20.7	YES	0.761574
15	1.2	40	48.0	20.0	7.1	20.7	YES	1.055556
16	1.3	40	52.0	20.6	7.0	19.4	YES	1.055556
17	1.5	40	60.0	20.6	7.0	19.9	YES	1.055556
18	1.4	40	56.0	20.6	7.1	20.4	YES	1.055556
19	1.2	40	48.0	20.6	7.1	19.9	YES	1.013889
20	1.2	40	48.0	20.6	7.0	19.2	YES	1.013889
21	1.1	40	44.0	18.9	7.0	21.2	YES	2.611111
22	1.1	40	44.0	20.0	7.0	19.7	YES	2.611111
23	1.1	40	44.0	20.6	7.0	19.0	YES	2.104167
24	1.2	40	48.0	20.6	7.0	19.2	YES	2.104167
25	1.2	40	48.0	19.4	7.0	20.7	YES	2.104167
26	1.2	40	48.0	18.9	7.0	21.5	YES	0.30787
27	1.3	40	52.0	18.9	7.0	21.7	YES	0.30787
28	1.2	40	48.0	19.4	7.0	20.7	YES	0.30787
29	1.2	40	48.0	19.4	7.0	20.7	YES	0.30787
30	1.2	40	48.0	20.6	7.0	19.2	YES	0.30787
31		40						0

² If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised November 2022

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