

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Sep-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	0.115	0.115
2	55	40	15	60	0.191	0.191
3	55	40	15	60	0.113	0.113
4	55	40	15	60	0.172	0.172
5	60	40	20	60	0.140	0.140
6	40	40	0	60	0.140	0.140
7	40	40	0	60	0.299	0.299
8	40	40	0	60	0.103	0.103
9	40	40	0	60	0.079	0.079
10	40	40	0	60	0.142	0.142
11	40	40	0	60	0.176	0.176
12	40	40	0	60	0.037	0.037
13	40	40	0	60	0.103	0.103
14	40	40	0	60	0.099	0.099
15	40	40	0	60	0.090	0.090
16	45	40	5	60	0.042	0.042
17	45	40	5	60	0.143	0.143
18	45	40	5	60	0.192	0.192
19	45	40	5	60	0.122	0.122
20	45	40	5	60	0.107	0.107
21	45	40	5	60	0.066	0.066
22	45	40	5	60	0.050	0.050
23	45	40	5	60	0.074	0.074
24	45	40	5	60	0.155	0.155
25	45	40	5	60	..102	..102
26	50	40	10	60	0.109	0.109
27	50	40	10	60	0.048	0.048
28	50	40	10	60	0.091	0.091
29	50	40	10	60	0.036	0.036
30	50	40	10	60	0.114	0.114
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:	Sep-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	0.5	40	20.0	20.6	7.1	18.4	YES	0.888889
2	0.6	40	24.0	19.0	7.2	21.4	YES	0.987847
3	0.5	40	20.0	20.0	7.0	18.4	YES	0.987847
4	0.7	40	28.0	19.0	7.2	21.7	YES	0.987847
5	0.8	40	32.0	18.0	7.5	26.2	YES	0.987847
6	0.5	40	20.0	20.0	6.9	17.7	YES	0.810185
7	0.5	40	20.0	20.6	7.3	19.8	YES	0.810185
8	0.6	40	24.0	20.0	7.2	20.0	YES	0.810185
9	0.7	40	28.0	19.4	7.1	20.3	YES	0.974537
10	0.6	40	24.0	18.0	7.1	22.1	YES	0.974537
11	0.7	40	28.0	18.0	7.1	22.3	YES	0.974537
12	0.7	40	28.0	19.4	7.6	24.4	YES	1.280093
13	0.6	40	24.0	19.0	7.4	23.1	YES	1.280093
14	0.6	40	24.0	18.7	7.3	22.7	YES	1.280093
15	0.9	40	36.0	19.5	7.4	23.1	YES	0.756944
16	0.8	40	32.0	19.1	7.4	23.5	YES	0.759259
17	0.7	40	28.0	19.0	7.4	23.4	YES	0.759259
18	0.9	40	36.0	19.0	7.1	21.4	YES	0.759259
19	1.4	40	56.0	19.0	7.6	27.3	YES	0.909722
20	1.2	40	48.0	18.5	7.2	23.7	YES	0.909722
21	1.1	40	44.0	17.8	7.4	26.5	YES	0.909722
22	1.0	40	40.0	17.6	7.2	24.6	YES	2.211806
23	0.7	40	28.0	17.2	7.4	26.4	YES	2.211806
24	0.8	40	32.0	18.0	7.1	22.6	YES	2.211806
25	0.8	40	32.0	18.0	7.1	22.6	YES	2.211806
26	0.8	40	32.0	17.5	7.0	22.5	YES	2.211806
27	0.7	40	28.0	17.0	7.1	23.9	YES	0.772569
28	0.9	40	36.0	17.0	7.0	23.5	YES	0.772569
29	0.7	40	28.0	17.0	7.2	24.8	YES	0.772569
30	0.8	40	32.0	16.0	7.1	25.8	YES	0.772569
31								-

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