

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Josephine

Cartridge or Bag Filtration

Month/Year: Nov-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	0.247	0.247
2	55	40	15	60	0.284	0.284
3	55	40	15	60	0.196	0.196
4	55	40	15	60	0.222	0.222
5	55	40	15	60	0.172	0.172
6	55	40	15	60	0.213	0.213
7	55	40	15	60	0.141	0.141
8	55	40	15	60	0.201	0.201
9	55	40	15	60	0.269	0.269
10	55	40	15	60	0.292	0.292
11	55	40	15	60	0.202	0.202
12	55	40	15	60	0.217	0.217
13	55	40	15	60	0.218	0.218
14	60	40	20	60	0.180	0.180
15	40	40	0	60	0.208	0.208
16	40	40	0	60	0.239	0.239
17	40	40	0	60	0.323	0.323
18	40	40	0	60	0.271	0.271
19	40	40	0	60	0.215	0.215
20	40	40	0	60	0.209	0.209
21	40	40	0	60	0.195	0.195
22	40	40	0	60	0.204	0.204
23	40	40	0	60	0.261	0.261
24	40	40	0	60	0.226	0.226
25	40	40	0	60	0.519	0.519
26	40	40	0	60	0.213	0.213
27	40	40	0	60	0.292	0.292
28	40	40	0	60	0.172	0.172
29	45	40	5	60	0.250	0.250
30	45	40	5	60	0.231	0.231
31	-	-	-	-	-	-

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:	Nov-23	Disinfection Giardia 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	1.1	40	44.0	10.3	7.1	39.6	YES	0.878472
2	1.2	40	48.0	12.0	7.0	34.7	YES	0.878472
3	1.5	40	60.0	13.0	7.1	34.2	YES	0.878472
4	1.9	40	76.0	13.0	7.1	35.8	YES	0.878472
5	0.9	40	36.0	13.0	7.1	31.9	YES	0.878472
6	0.8	40	32.0	13.0	6.9	29.3	YES	0.341667
7	0.9	40	36.0	12.0	7.0	33.6	YES	0.341667
8	0.9	40	36.0	12.0	7.0	33.6	YES	0.341667
9	0.9	40	36.0	11.0	6.9	34.6	YES	0.800926
10	1.1	40	44.0	11.0	7.1	37.9	YES	0.800926
11	0.9	40	36.0	11.0	6.9	34.6	YES	0.800926
12	0.9	40	36.0	11.0	6.9	34.6	YES	0.800926
13	1.0	40	40.0	11.0	7.1	37.4	YES	0.649306
14	1.3	40	52.0	11.0	7.1	38.7	YES	0.649306
15	1.1	40	44.0	11.7	7.1	36.2	YES	0.524306
16	1.2	40	48.0	11.4	7.1	37.3	YES	0.524306
17	1.3	40	52.0	11.1	7.1	38.5	YES	0.524306
18	1.1	40	44.0	11.0	7.1	37.9	YES	0.833333
19	0.9	40	36.0	11.0	7.0	35.8	YES	0.833333
20	1.1	40	44.0	10.0	7.0	39.0	YES	1.107639
21	1.2	40	48.0	10.1	7.0	39.2	YES	1.107639
22	1.1	40	44.0	10.0	7.1	40.4	YES	1.107639
23	1.0	40	40.0	10.0	7.0	38.6	YES	1.087963
24	1.2	40	48.0	9.7	7.1	41.7	YES	1.087963
25	1.1	40	44.0	10.5	7.0	37.8	YES	0.878472
26	1.0	40	40.0	10.0	7.1	40.0	YES	0.878472
27	1.3	40	52.0	10.0	7.0	39.9	YES	1.659722
28	1.2	40	48.0	9.1	7.0	41.9	YES	1.659722
29	1.0	40	40.0	9.0	6.9	39.8	YES	1.659722
30	1.1	40	44.0	10.0	7.1	40.4	YES	0.523148
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