

OHA - DWS

Membrane Filter Monthly Operating Report

County: linn

System Name: idanha Water Plant

Month/Year: May-2025

PWS ID#: 41 - 00394

Minimum test pressure applied: 25.5 psi

Plant ID: WTP - A

Minimum test pressure req'd: 18.2 psi

(e.g., "A")

DIT = Direct Integrity Test on filter(s) [Yes, No, or "off" if all filters are offline] ⇒

PDR = Pressure Decay Rate

LRC = Log Removal Credit

PDR_{Max} [psi/min]

0.070

LRC [log removal]

4.00

DIT
Daily

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU] (>15 minutes)	Highest PDR of day [psi/min]	Lowest LRV _{ambient} of day [log removal]	[Y/N] or "off"
1	0.060	0.012	0.012	0.045	5.03	y
2	0.070	0.016	0.016	0.040	5.05	y
3	0.019	0.018	0.018	0.041	4.76	y
4	0.060	0.02	0.020	0.042	4.74	y
5	0.060	0.012	0.013	0.042	4.75	y
6	0.060	0.012	0.012	0.041	4.76	y
7	0.060	0.012	0.012	0.041	4.76	y
8	0.060	0.012	0.012	0.040	4.77	y
9	0.080	0.012	0.012	0.040	4.80	y
10	0.060	0.012	0.012	0.042	4.75	y
11	0.060	0.012	0.012	0.010	4.73	y
12	0.099	0.013	0.013	0.043	4.74	y
13	0.070	0.013	0.013	0.042	4.72	y
14	0.070	0.014	0.014	0.043	4.73	y
15	0.070	0.016	0.016	0.043	4.72	y
16	0.060	0.02	0.020	0.042	4.71	y
17	0.070	0.013	0.013	0.043	4.74	y
18	0.060	0.014	0.014	0.043	4.74	y
19	0.070	0.016	0.016	0.043	4.71	y
20	0.070	0.016	0.016	0.044	4.68	y
21	0.010	0.012	0.012	0.046	4.72	y
22	0.012	0.013	0.013	0.044	4.70	y
23	0.012	0.016	0.016	0.044	4.69	y
24	0.060	0.015	0.015	0.045	4.76	y
25	0.050	0.015	0.015	0.040	4.78	y
26	0.060	0.015	0.015	0.043	4.73	y
27	0.070	0.015	0.015	0.042	4.78	y
28	0.070	0.015	0.015	0.042	4.74	y
29	0.070	0.015	0.015	0.042	4.78	y
30	0.080	0.015	0.015	0.040	4.74	y
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3	All turbidity readings ≤ 5 NTU? [Y/N]	All IFE turbidity readings ≤ 0.15 NTU? [Y/N]	Performance std met? [Y/N] (PDR ≤ PDR _{Max} , LRV ≥ LRC)	DIT Daily?
Yes	Yes	Yes	Yes	Yes
CT's met daily? (p. 2)	All Cl ₂ residual at EP ≥ 0.2 mg/L?	PDR ≤ PDR _{Max} ?	LRV _{ambient} ≥ LRC?	
Yes	Yes	Yes	Yes	

PRINTED NA Robert Bruce

SIGNATURE: *Robert Bruce*

Notes:

DATE: 7/8/2025

WT CERT #: 7136

PHONE #: 503-854-3313

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Disinfection Monthly Operating ReportSystem Name: Idanha Water PlantPWS ID#: 41 - 00394Plant ID : WTP - A**0.5**Log
Inactivation
Required via
Disinfection

Day	Minimum Cl ₂ Residual at 1 st User (C) * [mg/L = ppm]	Contact Time (T) [minutes]	Actual CT C x T (Formula)	Temp [° C]	pH	Required CT (Formula)	CT Met? * [Yes / No] (Formula)	Peak Hourly Demand Flow [GPM]	Notes (e.g. "Plant Off")
1	1.140	187	213.2	8.9	7.40	24.2	YES	62	
2	1.140	187	213.2	8.9	7.40	24.2	YES	62	
3	1.100	187	205.7	9.0	7.40	24.0	YES	63	
4	1.640	187	306.7	10.4	7.50	24.1	YES	62	
5	1.100	187	205.7	9.8	7.50	23.6	YES	62	
6	1.490	187	278.6	10.6	7.50	23.4	YES	62	
7	1.240	187	231.9	10.7	7.50	22.5	YES	62	
8	1.170	187	218.8	11.3	7.50	21.5	YES	62	
9	1.100	187	205.7	11.8	7.40	19.9	YES	63	
10	1.050	187	196.4	11.8	7.40	19.8	YES	62	
11	1.130	187	211.3	13.2	7.40	18.1	YES	62	
12	0.900	187	168.3	10.2	7.50	22.4	YES	62	
13	1.770	187	331.0	13.0	7.50	20.4	YES	62	
14	1.300	187	243.1	10.4	7.50	23.2	YES	62	
15	1.060	187	198.2	10.4	7.40	21.8	YES	62	
16	1.100	187	205.7	13.0	7.40	18.3	YES	62	
17	0.850	187	159.0	10.9	7.40	20.6	YES	63	
18	1.240	187	231.9	13.4	7.40	18.1	YES	63	
19	0.880	187	164.6	10.6	7.40	21.0	YES	63	
20	1.050	187	196.4	11.3	7.50	21.2	YES	62	
21	1.520	187	284.2	9.9	7.50	24.5	YES	62	
22	1.100	187	205.7	10.2	7.50	22.9	YES	62	
23	1.160	187	216.9	10.5	7.50	22.6	YES	62	
24	1.260	187	235.6	11.0	7.50	22.2	YES	62	
25	0.990	187	185.1	13.0	7.50	18.7	YES	63	
26	1.300	187	243.1	11.3	7.50	21.8	YES	63	
27	0.910	187	170.2	10.9	7.50	21.4	YES	63	
28	1.100	187	205.7	11.3	7.50	21.3	YES	62	
29	1.090	187	203.8	11.3	7.50	21.3	YES	62	
30	1.220	187	228.1	11.6	7.50	21.2	YES	62	
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* If chlorine concentration at entry point < 0.2 mg/L, or CT not met, notify DWS within 24 hours.

Submit this monthly report by the 10th of following month by

mail: Drinking Water Services
PO Box 14350
Portland, OR 97293-0350

email: dwp.dmc@odhsoha.oregon.gov

fax: 971-673-0458

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