

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Lincoln**

System Name: **Seal Rock Water District**

Month/Year: **Apr-2024**

PWS ID#: 41 - **00798**

Minimum test pressure **applied || req'd:** 19.20psi || 18.2__ psi

Plant ID: WTP - **C** (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

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU] (>15 min duration)	PDR _{Max} [psi/min]	LRC [log removal]	DIT Daily
				0.090	4.00	
				Highest PDR of day [psi/min]	Lowest LRV _{ambient} of day [log removal]	[Y/N] or "off"
1						OFF
2	0.020	0.02	0.020	0.04	4.46	
3	0.020	0.02	0.020	0.03	4.40	
4	0.030	0.03	0.030	0.03	4.58	
5	0.020	0.02	0.020	0.03	4.55	
6	0.020	0.02	0.020	0.03	4.57	
7	0.020	0.02	0.020	0.03	4.56	
8	0.020	0.02	0.020	0.03	4.39	
9						OFF
10	0.020	0.02	0.020	0.03	4.51	
11	0.030	0.03	0.030	0.03	4.51	
12	0.020	0.02	0.020	0.05	4.52	
13						OFF
14						OFF
15	0.020	0.02	0.020	0.03	4.66	
16	0.020	0.02	0.020	0.03	4.53	
17	0.020	0.02	0.020	0.03	4.56	
18	0.020	0.02	0.020	0.03	4.52	
19						OFF
20	0.020	0.02	0.020	0.03	4.55	
21						OFF
22	0.020	0.02	0.020	0.03	4.55	
23	0.020	0.02	0.020	0.03	4.59	
24	0.020	0.02	0.020	0.04	4.51	
25	0.020	0.02	0.020	0.03	4.38	
26	0.020	0.02	0.020	0.03	4.47	
27						OFF
28						OFF
29	0.020	0.02	0.020	0.03	4.40	
30	0.020	0.02	0.020	0.03	4.38	
31						

Compliance summary (operator to complete any blank fields)

95% of daily turbidity readings ≤ 1 NTU? Yes	All turbidity readings ≤ 5 NTU? Yes	All IFE turbidity readings ≤ 0.15 NTU? Yes	Performance std met? Yes (PDR ≤ PDR _{Max} , LRV ≥ LRC)	DIT Daily?
Y	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 NAME:	Larry Estes	DATE:	5/1/2024
SIGNATURE:	Larry Estes	WT CERT #:	T-09229
Notes:		PHONE #:	541-563-7715

♣ Used for optimization purposes only.

OHA-DWS

Disinfection Monthly Operating Report

System Name: **Seal Rock Water District**

PWS ID#: 41 - **00798**

0.5

↳ Log
Inactivation
Required via
Disinfection

Plant ID : WTP - **C**

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									OFF
2	1.490	91.22	135.9	15.4	6.80	13.0	YES	445	
3	1.360	57.15	77.7	16.9	7.00	12.5	YES	642	
4	1.350	58.56	79.1	15.6	7.20	14.7	YES	452	
5	1.340	78.34	105.0	15.2	7.31	15.7	YES	665	
6	1.410	96.04	135.4	14.1	6.90	14.6	YES	643	
7	1.440	77.13	111.1	14.0	6.90	14.8	YES	498	
8	1.430	53.56	76.6	13.3	6.88	15.3	YES	493	
9									OFF
10	1.490	64.09	95.5	15.1	6.78	13.2	YES	525	
11	1.480	71.9	106.4	16.3	7.11	13.7	YES	628	
12	1.540	101.4	156.2	14.8	6.98	14.6	YES	640	
13									OFF
14									OFF
15	1.470	53.61	78.8	14.4	6.94	14.7	YES	650	
16	1.570	63.94	100.4	14.5	6.96	14.8	YES	522	
17	1.760	74.6	131.3	14.2	7.20	16.9	YES	645	
18	1.650	71.94	118.7	14.6	7.04	15.3	YES	662	
19									OFF
20	1.440	42.36	61.0	16.7	7.20	13.8	YES	646	
21									OFF
22	1.660	54.76	90.9	16.2	7.00	13.6	YES	644	
23	1.550	39.59	61.4	15.2	7.01	14.4	YES	648	
24	1.690	66.1	111.7	14.3	7.10	16.0	YES	837	
25	1.600	63.95	102.3	15.0	7.20	15.7	YES	645	
26	1.530	59.39	90.9	15.1	7.25	15.8	YES	506	
27									OFF
28									OFF
29	1.490	63.09	94.0	14.1	7.26	16.8	YES	638	
30	1.480	92.3	136.6	15.2	7.38	16.3	YES	498	
31									

* 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.dmce@odhsoha.oregon.gov

fax: 971-673-0458

Turbidity-Triggered Direct Integrity Test (DIT) Reporting Form

OHA - Drinking Water Services

To be used when IFE exceeds 0.15 NTU, and submitted to OHA-DWS ⁺

Water System Name: Seal Rock Water District

Water System ID: 00798 [00798 Water System Profile on DataOnline](#)

Treatment Plant ID: WTP- C PDR_{Max} = maximum allowed pressure decay rate for a passing DIT

County: Lincoln LRC = Log Removal Credit granted for filtration, LRV_{ambient} must be ≥ LRC.

Month - Year: Apr-24

Date/Time and membrane unit(s) affected		Pressure Decay Rate (PDR) [^{psi} / _{min}]: 0.09			LRC: 4.00	
Date/Time	Membrane unit/skid/cell ID#	Turbidity level > 0.15 NTU resulting in DIT [NTU]	Corrective action	DIT Re-test Results [^{psi} / _{min}]	Return-to-service turbidity [NTU]	Return-to-service LRV _{ambient} [log]

Monthly Summary

All return to service turbidity readings ≤ 0.15 NTU? (Enter Yes or No) ⇨

All membrane units removed from service until a DIT passes? (Enter Yes or No) ⇨

All return to service LRV_{ambient} ≥ LRC? (Enter Yes or No) ⇨

Name: _____

Signature: _____

Phone #: _____

Date: _____

WT Cert #: _____

⚡ OAR 333-061-0036(5)(d)(C)(iv) states that if indirect integrity monitoring includes turbidity and the filtrate turbidity readings are above 0.15 NTU for a period greater than 15 minutes (i.e., two consecutive 15-minute readings above 0.15 NTU), direct integrity testing in accordance with subparagraphs (5)(d)(B)(i) through (v) of this rule must immediately be performed on the associated membrane unit.

Return by 10th of following month by email, fax, or mail to:
 dwp.dmce@odhsoha.oregon.gov; 971-673-0458; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350

Revised 2/17/2023