

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Clackamas**

System Name: **NCCWC**

Month/Year: **Feb-2025**

PWS ID#: 41 - **00580**

Minimum test pressure applied: **13.46** psi

Plant ID: WTP -
 (e.g., "A")

Minimum test pressure req'd: **11.4** psi

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]
0.484

LRC [log removal]
4.00

DIT
Daily

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU]	Highest PDR of day [psi/min]	Lowest LRV _{ambient} of day [log removal]	[Y/N] or "off"
1	0.040	0.04	0.040	0.41	4.11	Yes
2	0.040	0.04	0.040	0.41	4.11	Yes
3	0.040	0.04	0.080	0.40	4.12	Yes
4	0.040	0.04	0.070	0.35	4.12	Yes
5	0.030	0.04	0.080	0.35	4.10	Yes
6	0.040	0.04	0.070	0.41	4.11	Yes
7	0.030	0.04	0.080	0.41	4.12	Yes
8	0.040	0.04	0.080	0.41	4.12	Yes
9	0.040	0.04	0.080	0.40	4.12	Yes
10	0.040	0.04	0.080	0.41	4.11	Yes
11	0.060	0.06	0.070	0.41	4.11	Yes
12	0.030	0.03	0.080	0.35	4.13	Yes
13	0.030	0.03	0.080	0.41	4.12	Yes
14	0.030	0.03	0.050	0.33	4.54	Yes
15	0.030	0.03	0.080	0.39	4.14	Yes
16	0.040	0.04	0.080	0.39	4.14	Yes
17	0.040	0.04	0.060	0.39	4.13	Yes
18	0.040	0.04	0.040	0.40	4.11	Yes
19	0.040	0.04	0.040	0.40	4.10	Yes
20	0.030	0.03	0.040	0.41	4.10	Yes
21	0.030	0.03	0.080	0.41	4.11	Yes
22	0.040	0.04	0.080	0.43	4.08	Yes
23	0.040	0.04	0.080	0.43	4.10	Yes
24	0.040	0.04	0.050	0.43	4.08	Yes
25	0.040	0.04	0.050	0.34	4.05	Yes
26	0.040	0.04	0.050	0.39	4.05	Yes
27	0.040	0.04	0.070	0.46	4.07	Yes
28	0.040	0.04	0.050	0.46	4.07	Yes

Compliance summary (operator to complete any blank fields)

95% of daily turbidity readings ≤ 1 NTU? [Y/N]	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	

PRINTED NAME: **Bret Bienert**
SIGNATURE: *Bret Bienert*
Notes:

DATE: **3-3-25**
WT CERT #: **T-08749**
PHONE #: **971-356-6943**

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OHA - Drinking Water Program - Turbidity Monitoring Report Form County: Clackamas
Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered System

System name: NORTH CLACKAMAS COUNTY WC ID # OR4100580 WTP:- WTP-B2 Month/Year: February 2025							
Day	12:00 AM [NTU]	4:00 AM [NTU]	8:00 AM [NTU]	Noon [NTU]	4:00 PM [NTU]	8:00 PM [NTU]	Highest Reading of the Day [NTU]
1	N/A	N/A	0.06	N/A	N/A	N/A	0.06
2	N/A	N/A	0.06	N/A	N/A	N/A	0.06
3	N/A	N/A	0.05	N/A	N/A	N/A	0.05
4	N/A	N/A	0.05	N/A	N/A	N/A	0.05
5	N/A	N/A	0.04	N/A	N/A	N/A	0.04
6	N/A	N/A	0.05	N/A	N/A	N/A	0.05
7	N/A	N/A	0.04	N/A	N/A	N/A	0.04
8	N/A	N/A	0.04	N/A	N/A	N/A	0.04
9	N/A	N/A	0.04	N/A	N/A	N/A	0.04
10	N/A	N/A	0.03	N/A	N/A	N/A	0.03
11	N/A	N/A	0.03	N/A	N/A	N/A	0.03
12	N/A	N/A	0.04	N/A	N/A	N/A	0.04
13	N/A	N/A	0.04	N/A	N/A	N/A	0.04
14	N/A	N/A	0.04	N/A	N/A	N/A	0.04
15	N/A	N/A	0.04	N/A	N/A	N/A	0.04
16	N/A	N/A	0.04	N/A	N/A	N/A	0.04
17	N/A	N/A	0.06	N/A	N/A	N/A	0.06
18	N/A	N/A	0.04	N/A	N/A	N/A	0.04
19	N/A	N/A	0.04	N/A	N/A	N/A	0.04
20	N/A	N/A	0.04	N/A	N/A	N/A	0.04
21	N/A	N/A	0.04	N/A	N/A	N/A	0.04
22	N/A	N/A	0.04	N/A	N/A	N/A	0.04
23	N/A	N/A	0.06	N/A	N/A	N/A	0.06
24	N/A	N/A	0.05	N/A	N/A	N/A	0.05
25	N/A	N/A	0.06	N/A	N/A	N/A	0.06
26	N/A	N/A	0.07	N/A	N/A	N/A	0.07
27	N/A	N/A	0.06	N/A	N/A	N/A	0.06
28	N/A	N/A	0.08	N/A	N/A	N/A	0.08
Slow Sand/Membrane/DE Filtration/ Unfiltered				Monthly Summary			
95% of daily turbidity readings $\leq$ 1 NTU? YES				CT's met everyday? (see back) YES		All CL2 residual at entry point $\geq$ 0.2 mg/l? YES	
All daily readings $\leq$ 5 NTU? YES							
Notes:				PRINTED NAME: <i>Bret Bienenrath</i>			
				SIGNATURE <i>Bret Bienenrath</i>		DATE 3/1/2025	
				PHONE #: (503) -723-3505		CERT #: T-08749	

OHA - Drinking Water Program - Surface Water Quality Data Form

NORTH CLACKAMAS COUNTY WC ID#: OR4100580 WTP-: WTP-B2 Month/Year: February 2025

Membrane Filters

Date	Time	Minimum Cl ₂ Residual at 1 st User (C)*	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met?*	Peak Hourly Demand Flow
		(mg/L)	(minutes)	C x T	(°C)		Use Tables	Yes / No	(gpm)
02/01/25	6:00 AM	1.51	57	86	5.6	8.0	37	Yes	2972
02/02/25	6:00 AM	1.47	76	111	5.5	8.1	39	Yes	2277
02/03/25	6:00 AM	1.38	67	93	5.9	8.2	39	Yes	2300
02/04/25	6:00 AM	1.25	107	134	5.8	8.4	42	Yes	1612
02/05/25	6:00 AM	1.41	123	174	6.4	8.1	37	Yes	1413
02/06/25	6:00 AM	1.41	106	150	5.6	8.0	37	Yes	1607
02/07/25	6:00 AM	1.38	121	167	5.1	8.2	41	Yes	1420
02/08/25	6:00 AM	1.31	50	65	5.8	8.1	38	Yes	3418
02/09/25	6:00 AM	1.08	118	127	5.6	8.3	40	Yes	1480
02/10/25	6:00 AM	1.30	48	63	6.1	8.2	38	Yes	3446
02/11/25	6:00 AM	1.23	58	72	6.1	7.8	33	Yes	2882
02/12/25	6:00 AM	1.39	38	53	5.5	7.7	33	Yes	4532
02/13/25	6:00 AM	1.29	66	85	4.2	7.8	37	Yes	2556
02/14/25	6:00 AM	1.33	83	111	4.3	7.7	36	Yes	2050
02/15/25	6:00 AM	1.28	70	90	5.8	8.3	40	Yes	2506
02/16/25	6:00 AM	1.28	104	134	4.5	7.6	34	Yes	1669
02/17/25	6:00 AM	1.15	57	65	5.2	7.5	30	Yes	2967
02/18/25	6:00 AM	1.07	54	58	6.0	7.6	30	Yes	3028
02/19/25	6:00 AM	1.18	53	62	5.8	7.5	30	Yes	3187
02/20/25	6:00 AM	1.31	52	68	5.7	7.6	31	Yes	3342
02/21/25	6:00 AM	1.17	60	70	6.3	7.5	29	Yes	2799
02/22/25	6:00 AM	1.32	57	76	7.0	7.7	30	Yes	2933
02/23/25	6:00 AM	1.29	115	149	7.6	7.8	30	Yes	1462
02/24/25	6:00 AM	1.26	37	47	7.6	7.7	29	Yes	4541
02/25/25	6:00 AM	1.28	37	48	7.4	7.7	29	Yes	4515
02/26/25	6:00 AM	1.02	40	40	7.4	7.8	30	Yes	4260
02/27/25	6:00 AM	1.16	59	68	7.6	7.5	27	Yes	2809
02/28/25	6:00 AM	1.30	54	71	7.2	7.6	29	Yes	3141

*If Cl₂ at entry point <0.2 mg/L OR CT not met, notify DWP by end of next business day