

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Clackamas**

System Name: **NCCWC**

Month/Year: **Jan-2025**

PWS ID#: 41 - **00580**

Minimum test pressure applied: **13.52** 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]

LRC [log removal]

0.484

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	0.050	0.05	0.050	0.42	4.08	Y
2						OFF
3	0.060	0.06	0.090	0.42	4.09	Y
4						OFF
5						OFF
6						OFF
7	0.060	0.06	0.050	0.40	4.10	Y
8						OFF
9	0.050	0.05	0.060	0.40	4.10	Y
10	0.050	0.05	0.060	0.40	4.10	Y
11	0.050	0.05	0.060	0.40	4.10	Y
12						OFF
13	0.050	0.05	0.050	0.41	4.12	Y
14	0.050	0.05	0.040	0.41	4.12	Y
15	0.050	0.05	0.040	0.42	4.11	Y
16	0.040	0.04	0.070	0.42	4.10	Y
17						OFF
18						OFF
19						OFF
20	0.040	0.04	0.070	0.42	4.11	Y
21	0.040	0.04	0.040	0.42	4.11	Y
22	0.040	0.04	0.060	0.37	4.11	Y
23						OFF
24						OFF
25						OFF
26						OFF
27	0.040	0.04	0.070	0.41	4.12	y
28	0.030	0.03	0.070	0.41	4.12	y
29	0.040	0.04	0.070	0.36	4.11	y
30	0.070	0.07	0.070	0.41	4.13	y
31	0.050	0.05	0.060	0.41	4.10	y

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 Bienerth*
SIGNATURE: *Bret Bienerth*
Notes:

DATE: *2-5-2025*
WT CERT #: *T 08749*
PHONE #: *971-356-6943*

OHA - Drinking Water Program - Surface Water Quality Data Form

NORTH CLACKAMAS COUNTY WC ID#: OR4100580 WTP:- WTP-B2 Month/Year: January 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)
01/01/25	6:00 AM	1.68	42	70	8.8	7.9	31	Yes	3079
01/02/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/03/25	6:00 AM	1.38	78	108	8.9	8.0	30	Yes	1638
01/04/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/05/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/06/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/07/25	6:00 AM	1.23	42	52	8.8	7.6	26	Yes	3094
01/08/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/09/25	6:00 AM	1.48	54	79	8.3	8.1	33	Yes	2394
01/10/25	6:00 AM	1.72	101	174	8.1	8.1	35	Yes	1248
01/11/25	6:00 AM	1.47	91	134	7.7	8.2	36	Yes	1425
01/12/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/13/25	6:00 AM	1.46	59	87	8.0	8.1	34	Yes	2160
01/14/25	6:00 AM	1.54	99	153	8.2	8.2	35	Yes	1311
01/15/25	6:00 AM	1.69	86	145	8.3	8.3	37	Yes	1516
01/16/25	6:00 AM	1.63	82	133	7.6	8.2	37	Yes	1590
01/17/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/18/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/19/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/20/25	6:00 AM	1.61	94	151	7.2	8.3	39	Yes	1432
01/21/25	6:00 AM	1.34	45	60	6.7	8.2	37	Yes	2845
01/22/25	6:00 AM	1.35	45	61	7.1	8.3	38	Yes	2831
01/23/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/24/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/25/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/26/25	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
01/27/25	6:00 AM	0.95	64	61	5.8	8.1	36	Yes	2659
01/28/25	6:00 AM	1.32	55	73	5.8	7.8	34	Yes	3089
01/29/25	6:00 AM	1.22	107	131	5.7	8.4	42	Yes	1644
01/30/25	6:00 AM	1.52	77	118	5.8	8.0	37	Yes	2252
01/31/25	6:00AM	1.39	110	152	5.8	8.5	44	Yes	1588

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

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: January 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	DOWN	N/A	N/A	N/A	DOWN
3	N/A	N/A	0.07	N/A	N/A	N/A	0.07
4	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
5	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
6	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
7	N/A	N/A	0.07	N/A	N/A	N/A	0.07
8	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
9	N/A	N/A	0.09	N/A	N/A	N/A	0.09
10	N/A	N/A	0.06	N/A	N/A	N/A	0.06
11	N/A	N/A	0.04	N/A	N/A	N/A	0.04
12	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
13	N/A	N/A	0.06	N/A	N/A	N/A	0.06
14	N/A	N/A	0.07	N/A	N/A	N/A	0.07
15	N/A	N/A	0.06	N/A	N/A	N/A	0.06
16	N/A	N/A	0.08	N/A	N/A	N/A	0.08
17	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
18	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
19	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
20	N/A	N/A	0.04	N/A	N/A	N/A	0.04
21	N/A	N/A	0.05	N/A	N/A	N/A	0.05
22	N/A	N/A	0.09	N/A	N/A	N/A	0.09
23	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
24	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
25	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
26	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
27	N/A	N/A	0.08	N/A	N/A	N/A	0.08
28	N/A	N/A	0.04	N/A	N/A	N/A	0.04
29	N/A	N/A	0.05	N/A	N/A	N/A	0.05
30	N/A	N/A	0.05	N/A	N/A	N/A	0.05
31	N/A	N/A	0.06	N/A	N/A	N/A	0.06
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: Bret Bienerth			
				SIGNATURE <i>Bret Bienerth</i>		DATE 2/1/2025	
				PHONE #: (503) -723-3505		CERT #: T-08749	