

OHA - DWS

Membrane Filter Monthly Operating Report

 County: **Clackamas**

 System Name: **NCCWC**

 Month/Year: **Dec-2024**

 PWS ID#: 41 - **00580**

 Minimum test pressure applied: **13.18** 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						off
2						off
3	0.050	0.05	0.050	0.41	4.05	Y
4						off
5	0.050	0.05	0.050	0.48	4.02	Y
6	0.040	0.04	0.040	0.43	4.02	Y
7	0.040	0.04	0.040	0.43	4.09	Y
8						off
9	0.060	0.06	0.060	0.41	4.13	Y
10	0.060	0.06	0.060	0.41	4.13	y
11						off
12						off
13						off
14						off
15						off
16	0.050	0.05	0.060	0.39	4.08	Y
17	0.050	0.05	0.060	0.48	4.06	Y
18	0.050	0.05	0.060	0.48	4.06	Y
19						off
20						off
21						off
22						off
23						off
24	0.050	0.05	0.070	0.41	4.09	Y
25	0.050	0.05	0.060	0.40	4.09	Y
26	0.050	0.05	0.060	0.40	4.08	Y
27	0.050	0.05	0.050	0.37	4.05	Y
28	0.050	0.05	0.050	0.41	4.05	Y
29	0.050	0.05	0.060	0.41	4.06	Y
30	0.050	0.05	0.060	0.42	4.06	Y
31						off

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 Bienglich**

 SIGNATURE: *Bret Bienglich*

Notes:

 DATE: **1-3-25**

 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: December 2024							
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	DOWN	N/A	N/A	N/A	DOWN
2	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
3	N/A	N/A	0.04	N/A	N/A	N/A	0.04
4	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
5	N/A	N/A	0.06	N/A	N/A	N/A	0.06
6	N/A	N/A	0.04	N/A	N/A	N/A	0.04
7	N/A	N/A	0.06	N/A	N/A	N/A	0.06
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	0.05	N/A	N/A	N/A	0.05
11	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
12	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
13	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
14	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
15	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
16	N/A	N/A	0.07	N/A	N/A	N/A	0.07
17	N/A	N/A	0.07	N/A	N/A	N/A	0.07
18	N/A	N/A	0.07	N/A	N/A	N/A	0.07
19	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
20	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
21	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
22	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
23	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
24	N/A	N/A	0.09	N/A	N/A	N/A	0.09
25	N/A	N/A	0.05	N/A	N/A	N/A	0.05
26	N/A	N/A	0.06	N/A	N/A	N/A	0.06
27	N/A	N/A	0.05	N/A	N/A	N/A	0.05
28	N/A	N/A	0.05	N/A	N/A	N/A	0.05
29	N/A	N/A	0.05	N/A	N/A	N/A	0.05
30	N/A	N/A	0.08	N/A	N/A	N/A	0.08
31	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN
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 Bimorth			
				SIGNATURE <i>Bret Bimorth</i>		DATE 1/1/2025	
				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: December 2024

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)
12/01/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/02/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/03/24	6:00 AM	1.55	51	80	7.8	7.6	28	Yes	2531
12/04/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/05/24	6:00 AM	1.55	28	44	7.2	7.9	33	Yes	4673
12/06/24	6:00 AM	1.38	39	54	8.3	8.1	33	Yes	3251
12/07/24	6:00 AM	1.46	72	105	7.7	8.2	36	Yes	1812
12/08/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/09/24	6:00 AM	1.14	67	76	8.2	7.8	29	Yes	1885
12/10/24	6:00 AM	1.40	29	41	7.0	7.7	30	Yes	4611
12/11/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/12/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/13/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/14/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/15/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/16/24	6:00 AM	1.40	46	65	8.0	7.8	30	Yes	2884
12/17/24	6:00 AM	1.04	49	51	7.8	8.2	34	Yes	2670
12/18/24	6:00 AM	1.05	32	34	8.8	7.9	28	Yes	3969
12/19/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/20/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/21/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/22/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/23/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
12/24/24	6:00 AM	1.14	40	46	9.3	7.7	26	Yes	3253
12/25/24	6:00 AM	1.03	80	82	8.8	8.2	32	Yes	1626
12/26/24	6:00 AM	1.10	38	42	8.8	8.0	30	Yes	3300
12/27/24	6:00 AM	1.27	41	51	9.6	8.0	29	Yes	3167
12/28/24	6:00 AM	1.25	42	53	9.7	8.2	31	Yes	3054
12/29/24	6:00 AM	1.38	42	58	8.9	8.1	31	Yes	2999
12/30/24	6:00 AM	1.07	43	46	9.4	8.0	28	Yes	2923
12/31/24	6:00AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0

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