

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Clackamas**

System Name: **NCCWC**

Month/Year: **Aug-2024**

PWS ID#: 41 - **00580**

Minimum test pressure applied: **12.8** psi

Plant ID: WTP - _____

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

(e.g., "A")

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

PDR = Pressure Decay Rate

PDR_{Max} [^{psi}/_{min}]

LRC [log removal]

LRC = Log Removal Credit

0.484

4.00

DIT
Daily

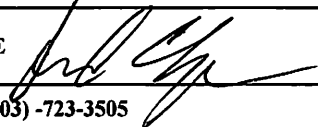
Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU]	Highest PDR of day [^{psi} / _{min}]	Lowest LRV _{ambient} of day [log removal]	[Y/N] or "off"
1	0.060	0.05	0.040	0.26	4.02	YES
2	0.070	0.05	0.040	0.36	4.06	YES
3	0.070	0.05	0.050	0.36	4.20	YES
4	0.070	0.05	0.050	0.36	4.05	YES
5	0.070	0.05	0.050	0.36	4.06	YES
6	0.080	0.08	0.080	0.36	4.16	YES
7	0.070	0.07	0.090	0.36	4.12	YES
8	0.080	0.08	0.080	0.36	4.17	YES
9	0.060	0.06	0.060	0.36	4.16	YES
10	0.060	0.06	0.060	0.36	4.16	YES
11	0.060	0.07	0.070	0.36	4.07	YES
12	0.080	0.08	0.070	0.36	4.06	YES
13	0.060	0.06	0.060	0.36	4.03	YES
14	0.060	0.06	0.090	0.36	4.17	YES
15	0.060	0.06	0.080	0.36	4.10	YES
16	0.060	0.06	0.080	0.36	4.12	YES
17	0.070	0.07	0.070	0.36	4.09	YES
18	0.070	0.07	0.070	0.36	4.11	YES
19	0.060	0.06	0.060	0.36	4.25	YES
20	0.050	0.05	0.050	0.36	4.25	YES
21	0.060	0.06	0.060	0.36	4.23	YES
22	0.070	0.05	0.050	0.25	4.11	YES
23	0.070	0.07	0.070	0.26	4.10	YES
24	0.040	0.05	0.050	0.36	4.19	YES
25	0.040	0.05	0.050	0.36	4.19	YES
26	0.040	0.05	0.050	0.36	4.36	YES
27	0.040	0.05	0.050	0.36	4.14	YES
28	0.050	0.05	0.070	0.30	4.09	YES
29	0.050	0.05	0.050	0.30	4.08	YES
30	0.050	0.05	0.070	0.30	4.09	YES
31	0.050	0.05	0.070	0.38	4.12	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: **Joe Rogers** DATE: **9-4-2024**
 SIGNATURE: *Joe Rogers* WT CERT #: **T-09162**
 Notes: *Jul Cj* PHONE #: **503-557-0129**

**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: August 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	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	0.09	N/A	N/A	N/A	0.09
4	N/A	N/A	0.08	N/A	N/A	N/A	0.08
5	N/A	N/A	0.07	N/A	N/A	N/A	0.07
6	N/A	N/A	0.06	N/A	N/A	N/A	0.06
7	N/A	N/A	0.06	N/A	N/A	N/A	0.06
8	N/A	N/A	0.07	N/A	N/A	N/A	0.07
9	N/A	N/A	0.06	N/A	N/A	N/A	0.06
10	N/A	N/A	0.05	N/A	N/A	N/A	0.05
11	N/A	N/A	0.06	N/A	N/A	N/A	0.06
12	N/A	N/A	0.08	N/A	N/A	N/A	0.08
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	0.08	N/A	N/A	N/A	0.08
16	N/A	N/A	0.09	N/A	N/A	N/A	0.09
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	0.07	N/A	N/A	N/A	0.07
20	N/A	N/A	0.07	N/A	N/A	N/A	0.07
21	N/A	N/A	0.06	N/A	N/A	N/A	0.06
22	N/A	N/A	0.08	N/A	N/A	N/A	0.08
23	N/A	N/A	0.09	N/A	N/A	N/A	0.09
24	N/A	N/A	0.06	N/A	N/A	N/A	0.06
25	N/A	N/A	0.07	N/A	N/A	N/A	0.07
26	N/A	N/A	0.07	N/A	N/A	N/A	0.07
27	N/A	N/A	0.07	N/A	N/A	N/A	0.07
28	N/A	N/A	0.08	N/A	N/A	N/A	0.08
29	N/A	N/A	0.08	N/A	N/A	N/A	0.08
30	N/A	N/A	0.08	N/A	N/A	N/A	0.08
31	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 ≤ 1 NTU? YES				CT's met everyday? (see back) YES		All CL2 residual at entry point ≥ 0.2 mg/l? YES	
All daily readings ≤ 5 NTU? YES				PRINTED NAME: Joe Rogers			
Notes:				SIGNATURE 		DATE 9/1/24	
				PHONE #: (503) -723-3505		CERT #: T-09162	

OHA - Drinking Water Program - Surface Water Quality Data Form

NORTH CLACKAMAS COUNTY WC ID#: OR4100580 WTP:- WTP-B2 Month/Year: August 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)
08/01/24	6:00 AM	1.19	25	30	22.1	8.3	13	Yes	5219
08/02/24	6:00 AM	1.22	26	32	22.7	7.6	10	Yes	4876
08/03/24	6:00 AM	1.12	44	49	22.5	8.0	12	Yes	2972
08/04/24	6:00 AM	1.07	39	41	21.4	8.0	13	Yes	3371
08/05/24	6:00 AM	1.18	26	31	22.5	8.0	12	Yes	4997
08/06/24	6:00 AM	1.25	27	34	22.3	8.0	12	Yes	4721
08/07/24	6:00 AM	1.26	25	31	22.1	7.7	11	Yes	5176
08/08/24	6:00 AM	1.25	26	33	22.4	8.1	12	Yes	4816
08/09/24	6:00 AM	1.25	28	35	22.4	7.0	7	Yes	4568
08/10/24	6:00 AM	1.14	42	48	21.7	8.0	12	Yes	3002
08/11/24	6:00 AM	1.20	69	83	21.9	8.0	12	Yes	1920
08/12/24	6:00 AM	1.30	26	34	22.5	8.0	12	Yes	4888
08/13/24	6:00 AM	1.23	29	36	21.5	7.7	11	Yes	4569
08/14/24	6:00 AM	1.29	26	33	21.4	7.9	12	Yes	5015
08/15/24	6:00 AM	1.26	27	34	21.7	7.6	11	Yes	4577
08/16/24	6:00 AM	1.24	26	33	21.4	8.0	13	Yes	4815
08/17/24	6:00 AM	1.17	37	43	21.6	7.9	12	Yes	3593
08/18/24	6:00 AM	1.28	28	36	21.5	7.9	12	Yes	5170
08/19/24	6:00 AM	1.29	24	31	21.4	7.6	11	Yes	5294
08/20/24	6:00 AM	1.35	25	34	21.0	7.7	12	Yes	5192
08/21/24	6:00 AM	1.44	26	37	20.9	8.1	14	Yes	4990
08/22/24	6:00 AM	1.19	84	99	21.3	7.9	12	Yes	1580
08/23/24	6:00 AM	1.20	41	49	20.5	7.6	12	Yes	3286
08/24/24	6:00 AM	1.33	32	43	20.0	7.8	13	Yes	4521
08/25/24	6:00 AM	1.15	25	29	17.3	7.7	15	Yes	5189
08/26/24	6:00 AM	1.14	22	25	20.5	8.1	14	Yes	5682
08/27/24	6:00 AM	1.22	44	54	20.4	7.8	13	Yes	3012
08/28/24	6:00 AM	1.31	42	54	19.8	7.7	13	Yes	3222
08/29/24	6:00 AM	1.33	23	31	19.3	7.8	14	Yes	5737
08/30/24	6:00 AM	1.31	24	32	20.1	7.8	13	Yes	5329
08/31/24	6:00AM	1.24	27	33	20.3	7.7	13	Yes	4685

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