

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Clackamas**

System Name: **NCCWC**

Month/Year: **May-2024**

PWS ID#: 41 - **00580**

Minimum test pressure applied: **13.71** 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	0.030	0.03	0.060	0.22	4.07	YES
2	0.030	0.03	0.030	0.24	4.11	YES
3	0.030	0.03	0.030	0.24	4.10	YES
4	0.030	0.03	0.030	0.25	4.29	YES
5	0.030	0.03	0.030	0.25	4.06	YES
6	0.030	0.04	0.040	0.25	4.06	YES
7	0.030	0.04	0.040	0.25	4.07	YES
8	0.030	0.03	0.060	0.32	4.15	YES
9	0.030	0.03	0.080	0.34	4.22	YES
10	0.030	0.03	0.050	0.34	4.10	YES
11	0.030	0.03	0.080	0.33	4.07	YES
12	0.030	0.03	0.070	0.32	4.06	YES
13	0.030	0.03	0.040	0.33	4.00	YES
14	0.040	0.04	0.050	0.33	4.00	YES
15	0.030	0.03	0.040	0.33	4.05	YES
16	0.030	0.03	0.050	0.32	4.16	YES
17	0.030	0.03	0.080	0.32	4.17	YES
18	0.030	0.03	0.090	0.32	4.22	YES
19	0.030	0.03	0.080	0.32	4.06	YES
20	0.030	0.03	0.080	0.32	4.08	YES
21	0.030	0.03	0.070	0.32	4.02	YES
22	0.020	0.03	0.030	0.32	4.16	YES
23						OFF
24	0.030	0.03	0.030	0.32	4.17	YES
25	0.020	0.03	0.030	0.30	4.19	YES
26	0.030	0.03	0.030	0.34	4.06	YES
27	0.030	0.03	0.030	0.34	4.04	YES
28	0.030	0.03	0.030	0.34	4.05	YES
29	0.030	0.03	0.030	0.34	4.06	YES
30	0.020	0.03	0.030	0.34	4.44	YES
31	0.020	0.03	0.060	0.33	4.16	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**
SIGNATURE: 
Notes:

DATE: **6-01-24**
WT CERT #: **F-09162**
PHONE #: **503-572-0129**

* Used for optimization purposes only.

OHA - Drinking Water Program - Surface Water Quality Data Form

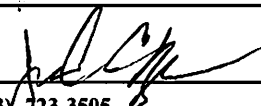
NORTH CLACKAMAS COUNTY WC ID#: OR4100580 WTP-: WTP-B2 Month/Year: May 2024

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)
05/01/24	6:00 AM	1.44	44	63	10.2	7.7	25	Yes	3366
05/02/24	6:00 AM	1.37	52	71	10.8	7.7	24	Yes	2889
05/03/24	6:00 AM	1.35	53	72	9.9	7.6	24	Yes	2812
05/04/24	6:00 AM	1.38	49	67	11.1	7.7	23	Yes	3065
05/05/24	6:00 AM	1.53	39	60	10.2	7.7	25	Yes	3892
05/06/24	6:00 AM	1.46	29	42	10.1	7.7	25	Yes	5132
05/07/24	6:00 AM	1.42	29	40	9.9	7.7	25	Yes	5169
05/08/24	6:00 AM	1.43	42	59	9.9	7.6	24	Yes	3590
05/09/24	6:00 AM	1.44	27	39	10.6	8.1	28	Yes	5456
05/10/24	6:00 AM	1.40	31	43	10.8	7.7	24	Yes	4973
05/11/24	6:00 AM	1.46	27	39	11.5	7.6	22	Yes	5659
05/12/24	6:00 AM	1.44	31	44	12.4	7.6	21	Yes	4872
05/13/24	6:00 AM	1.47	32	47	12.9	7.6	20	Yes	4774
05/14/24	6:00 AM	1.34	62	83	13.1	7.8	21	Yes	2392
05/15/24	6:00 AM	1.33	55	73	14.1	7.7	18	Yes	2761
05/16/24	6:00 AM	1.41	31	44	12.6	7.6	20	Yes	4754
05/17/24	6:00 AM	1.41	37	52	14.6	7.8	18	Yes	4024
05/18/24	6:00 AM	1.45	46	67	14.5	7.9	19	Yes	3226
05/19/24	6:00 AM	1.31	40	52	13.6	7.8	20	Yes	3767
05/20/24	6:00 AM	1.39	46	64	13.3	7.7	20	Yes	3226
05/21/24	6:00 AM	1.46	41	60	12.8	7.7	21	Yes	3660
05/22/24	6:00 AM	1.31	57	75	13.3	8.1	23	Yes	2607
05/23/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
05/24/24	6:00 AM	1.33	82	109	12.8	7.8	21	Yes	1795
05/25/24	6:00 AM	1.31	82	108	13.3	7.9	21	Yes	1795
05/26/24	6:00 AM	1.33	40	54	12.3	7.9	23	Yes	3694
05/27/24	6:00 AM	1.21	55	67	14.0	8.0	21	Yes	2750
05/28/24	6:00 AM	1.40	55	77	13.4	7.7	20	Yes	2714
05/29/24	6:00 AM	1.35	115	155	13.2	7.8	21	Yes	1381
05/30/24	6:00 AM	1.48	43	63	13.3	7.6	19	Yes	3460
05/31/24	6:00AM	1.46	36	52	13.8	7.6	18	Yes	4155

*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: May 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	0.03	N/A	N/A	N/A	0.03	
2	N/A	N/A	0.07	N/A	N/A	N/A	0.07	
3	N/A	N/A	0.07	N/A	N/A	N/A	0.07	
4	N/A	N/A	0.06	N/A	N/A	N/A	0.06	
5	N/A	N/A	0.05	N/A	N/A	N/A	0.05	
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	0.08	N/A	N/A	N/A	0.08	
9	N/A	N/A	0.09	N/A	N/A	N/A	0.09	
10	N/A	N/A	0.08	N/A	N/A	N/A	0.08	
11	N/A	N/A	0.09	N/A	N/A	N/A	0.09	
12	N/A	N/A	0.05	N/A	N/A	N/A	0.05	
13	N/A	N/A	0.03	N/A	N/A	N/A	0.03	
14	N/A	N/A	0.05	N/A	N/A	N/A	0.05	
15	N/A	N/A	0.06	N/A	N/A	N/A	0.06	
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	0.06	N/A	N/A	N/A	0.06	
20	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
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	DOWN	N/A	N/A	N/A	DOWN	
24	N/A	N/A	0.07	N/A	N/A	N/A	0.07	
25	N/A	N/A	0.07	N/A	N/A	N/A	0.07	
26	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
27	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
28	N/A	N/A	0.03	N/A	N/A	N/A	0.03	
29	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
30	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
31	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
Slow Sand/Membrane/DE Filtration/ Unfiltered				Monthly Summary				
95% of daily turbidity readings ≤ 1 NTU? YES All daily readings ≤ 5 NTU? YES				CT's met everyday? (see back) YES		All CL2 residual at entry point ≥ 0.2 mg/l? YES		
Notes:				PRINTED NAME: Joe Rogers				
				SIGNATURE 			DATE 6/1/24	
				PHONE #: (503) -23-3505			0.03	