

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Clackamas**

System Name: **NCCWC**

Month/Year: **Apr-2024**

PWS ID#: 41 - **00580**

Minimum test pressure applied: **13.06** 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	0.070	0.24	4.21	YES
2	0.030	0.03	0.040	0.24	4.20	YES
3	0.030	0.03	0.050	0.20	4.20	YES
4	0.050	0.05	0.090	0.24	4.25	YES
5	0.050	0.05	0.090	0.24	4.23	YES
6	0.050	0.05	0.090	0.23	4.20	YES
7	0.050	0.05	0.080	0.23	4.20	YES
8	0.040	0.04	0.080	0.23	4.20	YES
9	0.050	0.05	0.080	0.23	4.19	YES
10	0.050	0.05	0.090	0.22	4.16	YES
11	0.050	0.05	0.090	0.23	4.17	YES
12	0.040	0.04	0.090	0.22	4.33	YES
13	0.040	0.04	0.050	0.19	4.14	YES
14	0.030	0.03	0.060	0.22	4.13	YES
15	0.030	0.03	0.060	0.22	4.13	YES
16	0.030	0.03	0.060	0.21	4.12	YES
17	0.030	0.03	0.060	0.21	4.10	YES
18	0.040	0.04	0.040	0.21	4.13	YES
19	0.050	0.05	0.050	0.21	4.10	YES
20	0.050	0.05	0.050	0.21	4.11	YES
21	0.050	0.05	0.050	0.19	4.32	YES
22	0.050	0.05	0.050	0.19	4.17	YES
23	0.050	0.05	0.050	0.21	4.26	YES
24						OFF
25	0.020	0.03	0.030	0.20	4.15	YES
26	0.010	0.05	0.050	0.20	4.14	YES
27						OFF
28	0.050	0.05	0.070	0.21	4.13	YES
29	0.030	0.05	0.070	0.22	4.10	YES
30	0.050	0.05	0.060	0.22	4.11	YES

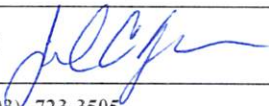
Compliance summary (operator to complete any blank fields)

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: *Joe Rogers*
Notes:

DATE: *5-1-24*
WT CERT #: *T-09162*
PHONE #: *503-572-0129*

**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: April 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	0.05	N/A	N/A	N/A	0.05	
2	N/A	N/A	0.03	N/A	N/A	N/A	0.03	
3	N/A	N/A	0.05	N/A	N/A	N/A	0.05	
4	N/A	N/A	0.09	N/A	N/A	N/A	0.09	
5	N/A	N/A	0.08	N/A	N/A	N/A	0.08	
6	N/A	N/A	0.09	N/A	N/A	N/A	0.09	
7	N/A	N/A	0.05	N/A	N/A	N/A	0.05	
8	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
9	N/A	N/A	0.08	N/A	N/A	N/A	0.08	
10	N/A	N/A	0.07	N/A	N/A	N/A	0.07	
11	N/A	N/A	0.06	N/A	N/A	N/A	0.06	
12	N/A	N/A	0.09	N/A	N/A	N/A	0.09	
13	N/A	N/A	0.08	N/A	N/A	N/A	0.08	
14	N/A	N/A	0.06	N/A	N/A	N/A	0.06	
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	0.05	N/A	N/A	N/A	0.05	
18	N/A	N/A	0.06	N/A	N/A	N/A	0.06	
19	N/A	N/A	0.05	N/A	N/A	N/A	0.05	
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	0.03	N/A	N/A	N/A	0.03	
23	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
24	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
25	N/A	N/A	0.05	N/A	N/A	N/A	0.05	
26	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
27	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
28	N/A	N/A	0.07	N/A	N/A	N/A	0.07	
29	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
30	N/A	N/A	0.05	N/A	N/A	N/A	0.05	
Slow Sand/Membrane/DE Filtration/ Unfiltered				Monthly Summary				
95% of daily turbidity readings \leq 1 NTU? YES All daily readings \leq 5 NTU? YES				CT's met everyday? (see back) YES		All CL2 residual at entry point \geq 0.2 mg/l? YES		
Notes:				PRINTED NAME: Joe Rogers				
				SIGNATURE 			DATE 5/1/24	
				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: April 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)
04/01/24	6:00 AM	1.37	56	77	8.2	7.8	29	Yes	2801
04/02/24	6:00 AM	1.34	97	130	9.1	7.8	28	Yes	1559
04/03/24	6:00 AM	1.44	38	54	9.4	7.7	26	Yes	3850
04/04/24	6:00 AM	1.29	36	46	8.9	7.6	26	Yes	4067
04/05/24	6:00 AM	1.29	35	45	9.5	7.7	26	Yes	4208
04/06/24	6:00 AM	1.27	35	45	9.4	7.6	25	Yes	4205
04/07/24	6:00 AM	1.31	35	46	8.9	7.6	26	Yes	4189
04/08/24	6:00 AM	1.60	54	87	8.7	7.6	27	Yes	2812
04/09/24	6:00 AM	1.44	37	53	9.1	7.6	26	Yes	3976
04/10/24	6:00 AM	1.41	38	54	8.1	7.6	27	Yes	4019
04/11/24	6:00 AM	1.46	33	48	9.9	7.6	24	Yes	4456
04/12/24	6:00 AM	1.30	34	44	9.9	7.6	24	Yes	4407
04/13/24	6:00 AM	1.36	36	49	10.8	7.6	23	Yes	3999
04/14/24	6:00 AM	1.41	33	47	10.2	7.6	24	Yes	4474
04/15/24	6:00 AM	1.69	37	62	10.6	7.6	24	Yes	4011
04/16/24	6:00 AM	1.55	33	51	10.3	7.6	24	Yes	4508
04/17/24	6:00 AM	1.66	36	60	9.9	7.6	25	Yes	4001
04/18/24	6:00 AM	1.44	59	85	10.1	7.6	24	Yes	2610
04/19/24	6:00 AM	1.59	35	55	11.5	7.6	22	Yes	4214
04/20/24	6:00 AM	1.48	38	56	11.6	7.6	22	Yes	3919
04/21/24	6:00 AM	1.36	98	133	10.3	7.6	24	Yes	1492
04/22/24	6:00 AM	1.41	93	131	10.8	7.6	23	Yes	1582
04/23/24	6:00 AM	1.37	75	102	11.3	7.8	24	Yes	1972
04/24/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
04/25/24	6:00 AM	1.32	124	164	12.1	7.7	22	Yes	1187
04/26/24	6:00 AM	1.35	97	131	12.2	7.7	22	Yes	1500
04/27/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
04/28/24	6:00 AM	1.25	102	128	11.1	7.9	25	Yes	1498
04/29/24	6:00 AM	1.26	35	45	10.9	7.9	25	Yes	4219
04/30/24	6:00 AM	1.28	46	58	10.4	7.9	26	Yes	3232

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