

OHA - DWS

Membrane Filter Monthly Operating Report

County: Clackamas

System Name: NCCWC

Month/Year: Sep-2024

PWS ID#: 41 - 00580

Minimum test pressure applied: 13.2 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

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						OFF
2	0.060	0.06	0.060	0.39	4.09	YES
3	0.060	0.06	0.060	0.39	4.11	YES
4	0.060	0.06	0.060	0.39	4.09	YES
5	0.060	0.06	0.060	0.39	4.06	YES
6	0.060	0.06	0.090	0.42	4.05	YES
7						OFF
8	0.060	0.06	0.070	0.42	4.05	YES
9	0.060	0.06	0.060	0.41	4.03	YES
10	0.050	0.05	0.060	0.41	4.03	YES
11						OFF
12	0.050	0.05	0.070	0.41	4.14	YES
13	0.060	0.06	0.090	0.40	4.12	YES
14	0.050	0.05	0.050	0.31	4.07	YES
15	0.060	0.06	0.060	0.31	4.08	YES
16	0.070	0.06	0.070	0.40	4.09	YES
17	0.070	0.07	0.060	0.40	4.05	YES
18	0.060	0.06	0.060	0.40	4.05	YES
19	0.050	0.05	0.050	0.40	4.04	YES
20	0.060	0.06	0.040	0.42	4.12	YES
21	0.060	0.06	0.040	0.44	4.08	YES
22	0.060	0.05	0.050	0.42	4.08	YES
23	0.050	0.05	0.050	0.40	4.06	YES
24	0.060	0.06	0.060	0.41	4.01	YES
25	0.050	0.05	0.050	0.41	4.16	YES
26	0.050	0.05	0.050	0.41	4.16	YES
27						OFF
28						OFF
29	0.050	0.05	0.050	0.40	4.16	YES
30						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: Joe Rogers
 SIGNATURE: [Signature]
 Notes:

DATE: 10-1-24
 WT CERT #: 7-09162
 PHONE #: 503-572-0129

OHA - Drinking Water Program - Surface Water Quality Data Form


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

Membrane Filters

Date	Time	Minimum Cl ₂ Residual at 1 st User (C)* (mg/L)	Contact Time (T) (minutes)	Actual CT (C x T)	Temp (°C)	pH	Required CT (Use Tables)	CT Met? (Yes/No)	Peak Hourly Demand Flow (gpm)
09/01/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
09/02/24	6:00 AM	1.17	30	35	19.2	7.7	13	Yes	4318
09/03/24	6:00 AM	1.06	62	66	18.6	8.1	16	Yes	2124
09/04/24	6:00 AM	1.19	21	25	19.7	7.7	13	Yes	6089
09/05/24	6:00 AM	1.41	21	30	19.3	7.7	13	Yes	6068
09/06/24	6:00 AM	1.38	24	34	19.3	7.6	13	Yes	5321
09/07/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
09/08/24	6:00 AM	1.33	38	51	19.2	7.7	13	Yes	3403
09/09/24	6:00 AM	1.31	46	60	19.6	7.8	14	Yes	2830
09/10/24	6:00 AM	1.08	22	24	20.1	7.8	13	Yes	6011
09/11/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
09/12/24	6:00 AM	1.19	91	108	19.5	7.7	13	Yes	1391
09/13/24	6:00 AM	1.24	46	57	19.5	7.6	13	Yes	2747
09/14/24	6:00 AM	1.28	98	126	17.3	7.7	15	Yes	1283
09/15/24	6:00 AM	1.23	83	103	17.5	7.7	15	Yes	1514
09/16/24	6:00 AM	1.16	40	47	18.2	7.7	14	Yes	3145
09/17/24	6:00 AM	1.25	27	34	19.1	7.7	14	Yes	4702
09/18/24	6:00 AM	1.36	28	38	18.8	7.6	13	Yes	4650
09/19/24	6:00 AM	1.33	29	38	18.6	7.7	14	Yes	4558
09/20/24	6:00 AM	1.23	88	108	18.7	8.0	15	Yes	1485
09/21/24	6:00 AM	1.20	92	111	18.2	8.0	16	Yes	1391
09/22/24	6:00 AM	1.20	61	73	16.2	8.0	18	Yes	2115
09/23/24	6:00 AM	1.14	28	32	18.4	8.2	17	Yes	4433
09/24/24	6:00 AM	1.03	25	25	18.7	7.7	13	Yes	5184
09/25/24	6:00 AM	1.06	26	27	18.8	7.7	13	Yes	5042
09/26/24	6:00 AM	1.12	27	31	18.0	7.6	14	Yes	4564
09/27/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
09/28/24	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
09/29/24	6:00 AM	1.03	32	33	16.1	7.7	15	Yes	3938
09/30/24	6:00 AM	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

**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: September 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	0.06	N/A	N/A	N/A	0.06	
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	0.07	N/A	N/A	N/A	0.07	
6	N/A	N/A	0.08	N/A	N/A	N/A	0.08	
7	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
8	N/A	N/A	0.07	N/A	N/A	N/A	0.07	
9	N/A	N/A	0.07	N/A	N/A	N/A	0.07	
10	N/A	N/A	0.08	N/A	N/A	N/A	0.08	
11	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
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	0.09	N/A	N/A	N/A	0.09	
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	0.06	N/A	N/A	N/A	0.06	
19	N/A	N/A	0.08	N/A	N/A	N/A	0.08	
20	N/A	N/A	0.09	N/A	N/A	N/A	0.09	
21	N/A	N/A	0.09	N/A	N/A	N/A	0.09	
22	N/A	N/A	0.09	N/A	N/A	N/A	0.09	
23	N/A	N/A	0.09	N/A	N/A	N/A	0.09	
24	N/A	N/A	0.09	N/A	N/A	N/A	0.09	
25	N/A	N/A	0.09	N/A	N/A	N/A	0.09	
26	N/A	N/A	0.09	N/A	N/A	N/A	0.09	
27	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
28	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
29	N/A	N/A	0.10	N/A	N/A	N/A	0.10	
30	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 ≤ 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 10/1/24	
				PHONE #: (503) -723-3505			CERT #: T-09162	