

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Clackamas**

System Name: **NCCWC**

Month/Year: **Jul-2024**

PWS ID#: 41 - **00580**

Minimum test pressure applied: **12.9** 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]

DIT
Daily

LRC = Log Removal Credit

0.484

4.00

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	0.040	0.04	0.040	0.35	4.01	YES
2	0.040	0.05	0.030	0.35	4.00	YES
3	0.040	0.05	0.040	0.35	4.12	YES
4	0.040	0.04	0.040	0.35	4.12	YES
5	0.030	0.04	0.040	0.36	4.12	YES
6	0.040	0.04	0.040	0.36	4.08	YES
7	0.040	0.04	0.040	0.36	4.01	YES
8	0.040	0.05	0.050	0.37	4.10	YES
9	0.040	0.05	0.050	0.36	4.06	YES
10	0.040	0.05	0.050	0.34	4.08	YES
11	0.040	0.05	0.050	0.36	4.11	YES
12	0.050	0.05	0.050	0.36	4.08	YES
13	0.050	0.05	0.050	0.36	4.10	YES
14	0.050	0.05	0.050	0.36	4.09	YES
15	0.050	0.05	0.050	0.36	4.07	YES
16	0.050	0.05	0.050	0.37	4.06	YES
17	0.040	0.04	0.040	0.35	4.06	YES
18	0.060	0.05	0.060	0.36	4.04	YES
19	0.030	0.04	0.040	0.36	4.04	YES
20	0.040	0.04	0.040	0.36	4.04	YES
21	0.040	0.04	0.040	0.36	4.06	YES
22	0.040	0.04	0.040	0.36	4.06	YES
23	0.040	0.04	0.040	0.36	4.04	YES
24	0.050	0.05	0.050	0.36	4.00	YES
25	0.040	0.04	0.050	0.23	4.16	YES
26	0.030	0.03	0.030	0.36	4.03	YES
27	0.030	0.04	0.040	0.36	4.11	YES
28	0.040	0.04	0.040	0.36	4.06	YES
29	0.040	0.04	0.040	0.36	4.06	YES
30	0.070	0.05	0.080	0.36	4.32	YES
31	0.070	0.05	0.080	0.36	4.22	YES

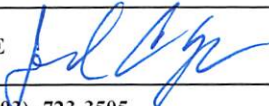
Compliance summary (operator to complete any blank fields)

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:	DATE:
SIGNATURE:	WT CERT #:
Notes:	PHONE #:

* Used for optimization purposes only.

**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: July 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	0.04	N/A	N/A	N/A	0.04
4	N/A	N/A	0.05	N/A	N/A	N/A	0.05
5	N/A	N/A	0.06	N/A	N/A	N/A	0.06
6	N/A	N/A	0.05	N/A	N/A	N/A	0.05
7	N/A	N/A	0.04	N/A	N/A	N/A	0.04
8	N/A	N/A	0.05	N/A	N/A	N/A	0.05
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	0.05	N/A	N/A	N/A	0.05
13	N/A	N/A	0.06	N/A	N/A	N/A	0.06
14	N/A	N/A	0.05	N/A	N/A	N/A	0.05
15	N/A	N/A	0.05	N/A	N/A	N/A	0.05
16	N/A	N/A	0.07	N/A	N/A	N/A	0.07
17	N/A	N/A	0.08	N/A	N/A	N/A	0.08
18	N/A	N/A	0.07	N/A	N/A	N/A	0.07
19	N/A	N/A	0.08	N/A	N/A	N/A	0.08
20	N/A	N/A	0.05	N/A	N/A	N/A	0.05
21	N/A	N/A	0.04	N/A	N/A	N/A	0.04
22	N/A	N/A	0.04	N/A	N/A	N/A	0.04
23	N/A	N/A	0.05	N/A	N/A	N/A	0.05
24	N/A	N/A	0.04	N/A	N/A	N/A	0.04
25	N/A	N/A	0.05	N/A	N/A	N/A	0.05
26	N/A	N/A	0.09	N/A	N/A	N/A	0.09
27	N/A	N/A	0.07	N/A	N/A	N/A	0.07
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	0.05	N/A	N/A	N/A	0.05
31	N/A	N/A	0.06	N/A	N/A	N/A	0.06
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 SIGNATURE  DATE 8/1/24 PHONE #: (503) -723-3505 CERT #: T-09162			
Notes:							

OHA - Drinking Water Program - Surface Water Quality Data Form

NORTH CLACKAMAS COUNTY WC ID#: OR4100580 WTP:- WTP-B2 Month/Year: July 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)
07/01/24	6:00 AM	1.22	27	33	19.0	7.7	14	Yes	5580
07/02/24	6:00 AM	1.32	26	35	18.7	7.6	13	Yes	5695
07/03/24	6:00 AM	1.36	25	33	18.5	8.0	16	Yes	6092
07/04/24	6:00 AM	1.27	26	33	19.1	7.8	14	Yes	5832
07/05/24	6:00 AM	1.37	24	33	19.2	7.8	14	Yes	6289
07/06/24	6:00 AM	1.44	23	33	20.1	7.8	13	Yes	6502
07/07/24	6:00 AM	1.46	34	50	20.8	7.6	12	Yes	4329
07/08/24	6:00 AM	1.33	22	30	21.1	7.7	12	Yes	6696
07/09/24	6:00 AM	1.20	23	28	21.7	7.7	11	Yes	6511
07/10/24	6:00 AM	1.16	28	32	21.5	7.8	12	Yes	5355
07/11/24	6:00 AM	1.19	35	42	21.5	7.9	12	Yes	4119
07/12/24	6:00 AM	1.27	35	45	21.0	7.7	12	Yes	4105
07/13/24	6:00 AM	1.30	33	43	21.9	7.7	11	Yes	4390
07/14/24	6:00 AM	1.29	33	43	22.3	7.7	11	Yes	4379
07/15/24	6:00 AM	1.18	31	37	22.4	7.6	10	Yes	4621
07/16/24	6:00 AM	1.27	26	33	22.5	7.8	11	Yes	5537
07/17/24	6:00 AM	1.20	31	37	22.8	7.7	10	Yes	4633
07/18/24	6:00 AM	1.25	29	36	22.6	7.9	11	Yes	5170
07/19/24	6:00 AM	1.48	26	38	22.4	7.9	12	Yes	5610
07/20/24	6:00 AM	1.32	35	46	22.6	7.8	11	Yes	4143
07/21/24	6:00 AM	1.16	37	43	22.9	7.8	10	Yes	3951
07/22/24	6:00 AM	1.39	29	40	22.0	7.9	12	Yes	5011
07/23/24	6:00 AM	1.32	36	47	21.7	7.9	12	Yes	4001
07/24/24	6:00 AM	1.33	32	43	22.1	8.0	12	Yes	4521
07/25/24	6:00 AM	1.28	49	62	21.4	8.3	14	Yes	3118
07/26/24	6:00 AM	1.44	23	33	21.3	8.1	14	Yes	6441
07/27/24	6:00 AM	1.37	28	38	21.5	7.7	12	Yes	5227
07/28/24	6:00 AM	1.32	39	51	21.6	8.0	13	Yes	3774
07/29/24	6:00 AM	1.18	45	53	21.6	8.2	13	Yes	3233
07/30/24	6:00 AM	1.30	34	44	20.8	8.2	14	Yes	4310
07/31/24	6:00AM	1.15	43	49	21.5	8.0	13	Yes	3411

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