


**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: October 2023								
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	0.04	N/A	N/A	N/A	0.04	
3	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
4	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
5	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
6	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
7	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
8	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
9	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
10	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
11	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
12	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
13	N/A	N/A	0.05	N/A	N/A	N/A	0.05	
14	N/A	N/A	0.03	N/A	N/A	N/A	0.03	
15	N/A	N/A	0.04	N/A	N/A	N/A	0.04	
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	0.03	N/A	N/A	N/A	0.03	
20	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
21	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
22	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
23	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
24	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
25	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
26	N/A	N/A	DOWN	N/A	N/A	N/A	DOWN	
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	0.03	N/A	N/A	N/A	0.03	
30	N/A	N/A	0.07	N/A	N/A	N/A	0.07	
31	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 ≤ 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 11/01/23	
				PHONE #: (503) 23-3505			CERT #: T-09162	

OHA - DWS

Membrane Filter Monthly Operating Report

County: **Clackamas**

System Name: **North Clackamas County**

Month/Year: **Oct-2023**

PWS ID#: 41 - **00580**

Minimum test pressure applied || req'd: 12.99 psi || 13.35

Plant ID: WTP - _____ (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

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU] (>15 min duration)	PDR _{Max} [^{psi} / _{min}]	LRC [log removal]	DIT Daily
				0.484	4.00	
1	0.040	0.06	0.060	0.25	4.33	y
2						OFF
3						OFF
4						OFF
5						OFF
6						OFF
7						OFF
8						OFF
9						OFF
10						OFF
11	0.060	0.06	0.060	0.25	4.29	y
12	0.030	0.06	0.060	0.20	4.32	y
13	0.010	0.05	0.050	0.25	4.27	y
14	0.050	0.08	0.050	0.23	4.26	y
15	0.040	0.06	0.040	0.23	4.27	y
16	0.040	0.05	0.070	0.23	4.25	y
17	0.040	0.06	0.070	0.25	4.28	y
18	0.040	0.06	0.060	0.25	4.20	y
19	0.040	0.06	0.060	0.25	4.27	y
20						OFF
21						OFF
22						OFF
23						OFF
24						OFF
25						OFF
26						OFF
27						OFF
28						OFF
29	0.030	0.06	0.060	0.24	4.26	y
30	0.020	0.08	0.060	0.24	4.27	y
31	0.030	0.06	0.060	0.24	4.26	y

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: **11-1-23**
 SIGNATURE: *[Signature]* WT CERT #: **7-09162**
 Notes: 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: October 2023

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)
10/01/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/02/23	6:00 AM	1.29	82	106	15.4	8.0	19	Yes	1769
10/03/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/04/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/05/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/06/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/07/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/08/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/09/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/10/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/11/23	6:00 AM	1.21	112	135	15.5	7.6	15	Yes	1388
10/12/23	6:00 AM	1.21	65	79	15.1	7.8	17	Yes	2340
10/13/23	6:00 AM	1.23	56	69	14.8	7.7	17	Yes	2692
10/14/23	6:00 AM	1.27	110	140	15.0	7.7	17	Yes	1390
10/15/23	6:00 AM	1.22	100	122	14.5	7.7	17	Yes	1551
10/16/23	6:00 AM	1.29	44	57	14.9	7.9	18	Yes	3270
10/17/23	6:00 AM	1.31	62	81	14.8	7.8	18	Yes	2488
10/18/23	6:00 AM	1.26	108	137	14.4	7.8	19	Yes	1394
10/19/23	6:00 AM	1.28	118	150	13.9	7.7	19	Yes	1319
10/20/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/21/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/22/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/23/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/24/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/25/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/26/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/27/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/28/23	6:00 AM	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	DOWN	0
10/29/23	6:00 AM	1.27	117	149	11.7	8.1	26	Yes	1305
10/30/23	6:00 AM	1.35	73	98	10.8	8.3	30	Yes	2104
10/31/23	6:00AM	1.38	70	96	10.8	8.3	30	Yes	2194

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