

OHA - Drinking Water Services – Turbidity Monitoring Report
Conventional or Direct Filtration

County: *Columbia*

Name: *Midland Water* ID #41: *01139* WTP-: Month/Year: *June 2023*

DAY	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day ¹ [NTU]
1	.04	.04	.05	.05	.05	.04	.05
2	.03	.03	.03	.03	.05	.04	.05
3	.04	.04	.03	.03	.05	.04	.05
4	.04	.04	.03	.03	.05	.05	.05
5	.03	.03	.04	.04	.05	.03	.05
6	.03	.03	.04	.04	.05	.03	.05
7	.03	.04	.04	.04	.05	.02	.05
8	.03	.04	.05	.05	.05	.04	.05
9	.04	.04	.05	.05	.05	.04	.05
10	.03	.03	.05	.05	.05	.04	.05
11	.04	.04	.05	.05	.05	.04	.05
12	.04	.04	.05	.05	.05	.05	.05
13	.04	.04	.04	.04	.04	.04	.04
14	.04	.07	.07	.07	.07	.07	.07
15	.04	.04	.07	.07	.07	.07	.07
16	.04	.05	.05	.07	.04	.03	.07
17	.04	.04	.04	.07	.04	.03	.07
18	.04	.04	.04	.07	.04	.03	.07
19	.04	.07	.07	.07	.04	.03	.07
20	.04	.04	.04	.07	.04	.03	.07
21	.04	.04	.07	.07	.07	.07	.07
22	.04	.05	.05	.07	.07	.07	.07
23	.04	.04	.04	.04	.04	.04	.04
24	.04	.04	.04	.04	.03	.04	.04
25	.04	.05	.05	.05	.04	.03	.05
26	.04	.04	.04	.07	.07	.07	.07
27	.04	.04	.05	.05	.07	.04	.07
28	.04	.07	.04	.04	.07	.04	.07
29	.05	.05	.04	.04	.07	.04	.07
30	.04	.04	.07	.07	.07	.04	.07
31							

Conventional or Direct Filtration Monthly Summary 95% of the 4-hour turbidity readings ≤ 0.3 NTU? <u>Yes</u> /No All the 4-hour turbidity readings ≤ 1 NTU? <u>Yes</u> /No All turbidity readings < IFE ² triggers? <u>Yes</u> /No ²	Monthly Summary (Answer Yes or No) CT's met everyday? (see back) <u>Yes</u> /No All Cl ₂ residuals at entry point ≥ 0.2 mg/l? <u>Yes</u> /No	
	PRINTED NAME: <i>David Burch</i> SIGNATURE: <i>[Signature]</i> DATE: <i>7-9-2023</i> PHONE #: <i>(503) 858-0259</i> CERT #:	
Notes:		

¹ Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM" through "8 PM" may not correspond to continuous readings' maximum. ² IFE = Individ. Filter Eff. (OAR 333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program – Surface Water Quality Data Form - Giardia Inactivation

Name: **Midland Water**

ID #41:01139 WTP-:

Month/Year:

Log Requirement
(Circle One): 0.5 **1.0**

June 2023

Date / Time	Minimum Cl ₂ Residual at 1 st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	C X T	[° C]		Use tables	Yes / No	[GPM]
1/9P	.80	68	55	15	8.0	29	Y	78
2/9P	.79	65	51	15	8.0	29	Y	82
3/9P	.80	69	55	15	8.0	29	Y	78
4/9P	.79	81	64	15	8.0	29	Y	67
5/8P	.79	83	66	15	8.0	29	Y	64
6/8P	.79	83	66	15	8.0	29	Y	64
7/8P	.79	83	66	15	8.0	29	Y	64
8/8P	.80	83	66	15	8.0	29	Y	65
9/4P	.81	83	67	15	8.0	30	Y	64
10/9P	.80	89	71	15	8.0	29	Y	60
11/9P	.80	89	71	15	8.0	29	Y	60
12/9P	.80	89	71	15	8.0	29	Y	60
13/9P	.80	89	71	15	8.0	29	Y	60
14/9P	.81	89	72	15	8.0	30	Y	60
15/8:30P	.79	88	70	15	8.0	29	Y	61
16/7P	.79	94	75	15	8.0	29	Y	57
17/7P	.79	93	73	15	8.0	29	Y	58
18/7P	.78	93	72	15	8.0	29	Y	58
19/7P	.79	93	73	15	8.1	29	Y	58
20/5P	.80	93	74	15	8.1	29	Y	58
21/8P	.81	85	69	15	8.1	30	Y	63
22/8P	.80	86	69	15	8.1	29	Y	63
23/8P	.81	85	69	15	8.1	30	Y	63
24/12P	.81	85	69	15	8.1	30	Y	63
25/7P	.81	82	66	15	8.1	30	Y	65
26/7P	.80	82	66	15	8.1	29	Y	65
27/12P	.80	89	71	15	8.1	29	Y	60
28/7P	.79	104	82	15	8.1	29	Y	52
29/7P	.79	104	82	15	8.1	29	Y	52
30/7P	.78	104	81	15	8.1	29	Y	52
31/								

³ If Cl₂ at entry point < 0.2 mg/l, OR CT not met, notify DWS within 24 hours

Revised September 2016

Download form at: public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-conv-direct.pdf

Return by 10th of following month by email, fax, or mail to:

dwp.dmce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350