

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

County: Columbia

Name: Midland Water Association ID #41: 01139 WTP-: _____ Month/Year: May 2025

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	.153	.163	.167	.166	.139	.137	.167
2	.148	.160	.158	plant off	.255	.338	.338
3	.352	.350	plant off	.209	.274	.309	.352
4	.307	.310	.311	.290	plant off	.371	.371
5	.368	.367	.349	.325	.322	.320	.368
6	.317	.324	.318	plant off	.363	.350	.363
7	.350	.354	.346	plant off	.342	.346	.354
8	.347	.346	.327	.332	.352	.345	.352
9	.338	.337	.336	plant off	.297	.318	.338
10	.330	.320	.317	plant off	.262	.203	.330
11	.197	.201	.197	.224	.190	.213	.224
12	.240	.259	.226	.199	.193	.228	.259
13	.232	.219	.203	plant off	.191	.164	.232
14	.158	.160	.187	.233	.210	.166	.233
15	.152	.160	.156	.151	.150	.234	.234
16	.222	.216	.195	.239	.253	.234	.253
17	.235	.996 ²	.237	.234	.222	.214	.996
18	.233	.242	.227	.256	.215	.205	.256
19	.215	.219	.234	.239	.215	.217	.239
20	.218	.225	.226	.291	.220	.214	.291
21	.215	.229	.224	.218	.209	.207	.229
22	.210	.219	.226	.212	.209	.208	.226
23	.208	.220	.222	.233	.219	.217	.233
24	.230	.233	.233	.221	.217	.217	.233
25	.217	.228	.227	.258	.221	.225	.258
26	.250	.236	.237	.251	.230	.228	.251
27	.225	.241	.241	.214	.205	.204	.241
28	.206	.220	.217	plant off	.229	.221	.229
29	.225	.231	.235	.227	.222	.214	.235
30	.213	.225	.244	plant off	.216	.212	.244
31	.218	.229	.221	.222	.221	.214	.229

Conventional or Direct Filtration Monthly Summary 95% of the 4-hour turbidity readings ≤ 0.3 NTU? <u>Yes / No</u> All the 4-hour turbidity readings ≤ 1 NTU? <u>Yes / No</u> All turbidity readings < IFE² triggers? <u>Yes / No</u>² Notes:	Monthly Summary (Answer Yes or No) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> CT's met everyday? (see back) <u>Yes / No</u> </td> <td style="width: 50%;"> All Cl₂ residuals at entry point ≥ 0.2 mg/l? <u>Yes / No</u> </td> </tr> </table> PRINTED NAME: <u>James Dahlquist</u> SIGNATURE: <u>[Signature]</u> DATE: <u>6-4-25</u> PHONE #: <u>(503) 438-8702</u> CERT #: <u>7-09147</u>	CT's met everyday? (see back) <u>Yes / No</u>	All Cl ₂ residuals at entry point ≥ 0.2 mg/l? <u>Yes / No</u>
CT's met everyday? (see back) <u>Yes / No</u>	All Cl ₂ residuals at entry point ≥ 0.2 mg/l? <u>Yes / No</u>		

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 Effl. (OAR 333-061-0040(1)(d)(B&C))

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

Name: Midland Water Association

ID #41: 01139

WTP-:

Month/Year:

Log Requirement

May 2025

(Circle One): 0.5 1.0

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]
1/11pm	1.55	75	116.3	11.7	7.5	45	Yes	91
2/1pm	1.46	75	109.5	12.6	7.5	42	Yes	91
3/1pm	1.52	75	114	13.0	7.4	37	Yes	91
4/4pm	1.45	75	108.8	11.4	7.4	43	Yes	91
5/5pm	1.50	75	112.5	11.6	7.4	43	Yes	91
6/12pm	1.39	75	104.3	12.0	7.4	40	Yes	91
7/1Am	1.49	75	111.8	12.8	7.4	40	Yes	91
8/1pm	1.43	75	107.3	11.7	7.4	43	Yes	91
9/2pm	1.50	75	112.5	11.5	7.3	42	Yes	91
10/1pm	1.47	75	110.3	11.8	7.4	43	Yes	91
11/2pm	1.42	75	106.5	11.8	7.5	46	Yes	91
12/10pm	1.66	75	124.5	11.4	7.5	46	Yes	91
13/1pm	1.62	75	121.5	11.4	7.5	46	Yes	91
14/12Am	1.67	75	125.3	11.6	7.5	46	Yes	91
15/1Am	1.68	75	126	11.5	7.5	46	Yes	91
16/11Am	1.62	75	121.5	11.4	7.5	46	Yes	91
17/1Am	1.62	75	121.5	11.8	7.5	46	Yes	91
18/12pm	1.56	75	117	11.5	7.5	46	Yes	91
19/12Am	1.61	75	120.8	11.4	7.6	47	Yes	91
20/12pm	1.53	75	114.8	11.5	7.7	49	Yes	91
21/5pm	1.43	75	107.3	11.6	7.7	49	Yes	91
22/1Am	1.58	75	118.5	11.8	7.7	49	Yes	91
23/1Am	1.62	75	121.5	11.5	7.7	49	Yes	91
24/7pm	1.51	75	113.3	11.6	7.7	49	Yes	91
25/12pm	1.55	75	116.3	11.9	7.7	49	Yes	91
26/8pm	1.55	75	116.3	12.2	7.7	45	Yes	91
27/8pm	1.55	75	116.3	12.4	7.7	45	Yes	91
28/12pm	1.47	75	110.3	12.5	7.7	45	Yes	91
29/1Am	1.56	75	117	12.7	7.7	45	Yes	91
30/12pm	1.52	75	114	11.6	7.7	49	Yes	91
31/1Am	1.56	75	117	12.3	7.7	45	Yes	91

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

Revised November 2022

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@oha.oregon.gov; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR

97293-0350

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