

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

County: **Douglas**  
Month/Year: **August 2021**

System Name: **City of Riddle** ID#: **41** **00706** WTP : **TP - A**

Day	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day <sup>1</sup> [NTU]
1	0.03	0.03	0.03	0.03	0.03	0.03	0.04
2	0.03	0.03	PLANT OFF	0.04	0.04	0.03	0.08
3	0.04	0.04	0.03	PLANT OFF	0.06	0.05	0.06
4	0.05	0.05	PLANT OFF	>	>	>	0.07
5	0.04	0.03	0.03	0.03	0.03	0.03	0.04
6	PLANT OFF	>	>	0.03	0.03	0.04	0.08
7	0.04	0.04	0.04	0.04	0.04	0.04	0.04
8	0.04	0.04	0.04	0.04	0.04	PLANT OFF	0.04
9	>	>	>	0.04	0.05	0.05	0.06
10	0.05	0.04	0.03	0.03	PLANT OFF	0.04	0.09
11	0.04	0.04	0.04	0.03	0.03	0.03	0.04
12	0.03	0.03	0.03	0.03	0.04	0.03	0.09
13	0.03	0.03	0.03	0.03	0.03	0.03	0.03
14	0.03	0.03	0.03	0.03	0.03	0.03	0.03
15	0.03	0.03	0.03	0.03	0.03	0.03	0.09
16	0.03	0.03	0.03	0.03	0.04	0.04	0.04
17	0.04	0.04	0.04	PLANT OFF	>	0.03	0.10
18	0.03	0.03	0.03	0.03	0.03	0.03	0.03
19	0.03	0.03	0.03	0.03	0.03	0.03	0.03
20	0.03	0.03	0.03	PLANT OFF	0.04	0.03	0.14
21	0.03	0.03	0.03	0.03	0.03	0.03	0.03
22	0.03	0.03	0.03	0.03	0.03	0.03	0.03
23	0.03	0.03	0.03	0.04	0.03	0.03	0.04
24	0.03	0.03	0.03	0.03	0.03	PLANT OFF	0.03
25	>	>	>	0.03	0.03	0.03	0.11
26	0.03	0.03	0.03	0.03	0.03	0.03	0.03
27	0.03	0.03	0.03	PLANT OFF	0.04	0.03	0.13
28	0.02	0.03	0.03	0.03	0.03	0.03	0.03
29	0.03	0.03	0.03	0.03	0.03	0.03	0.03
30	0.03	0.03	Plant Off	0.04	0.04	0.03	0.13
31	0.03	0.03	0.03	0.03	0.03	0.03	0.03

<b>Conventional or Direct Filtration</b>	
<p>95% of 4-hour turbidity readings ≤ 0.3 NTU? <span style="float: right;"><input checked="" type="radio"/> Yes <input type="radio"/> No</span></p> <p>All 4-hour turbidity readings ≤ 1 NTU? <span style="float: right;"><input checked="" type="radio"/> Yes <input type="radio"/> No</span></p> <p>All turbidity readings &lt; IFE<sup>2</sup> triggers <span style="float: right;"><input checked="" type="radio"/> Yes <input type="radio"/> No</span></p>	<p>CT's met everyday? (see back) <span style="float: right;"><input checked="" type="radio"/> Yes <input type="radio"/> No</span></p> <p>All Cl2 residual at entry point ≥ 0.2 mg/l? <span style="float: right;"><input checked="" type="radio"/> Yes <input type="radio"/> No</span></p>

<p><b>Notes: New PLC and SCADA installed.</b></p>	<p><b>PRINTED NAME:</b> Robert Tilton</p> <p><b>SIGNATURE:</b> </p> <p><b>PHONE #:</b> ( 541 ) 874-2905</p>
	<p><b>DATE:</b> 8/1/21</p> <p><b>CERT #:</b> 2604</p>

<sup>1</sup> Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum.

<sup>2</sup> IFE = Individ. Filter Effl. (333-061-0040(1)(e)(B&C))

# OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - :                      **A**

System Name:	City of Riddle	ID#: 41	00706	Month/Year: August-2021	Disinfection <i>Giardia</i> Log Inactiv:	0.5
--------------	----------------	---------	-------	-------------------------	--	-----

Date / Time	Minimum Cl <sub>2</sub> Residual at 1st User ( C ) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
	[ppm or mg/L]	[minutes]	<b>C X T</b>	[° C]		formula	Yes / No	[GPM]
1/ 20:00	0.75	110	82.5	25.7	7.29	7.1	Yes	342
2/12:12	0.73	110	80.3	26.2	7.23	6.7	Yes	351
3/09:59	0.71	110	78.1	25.9	7.31	7.1	Yes	444
4/11:00	1.2	110	132.0	25.9	7.31	7.5	Yes	450
5/ 18:00	0.95	110	104.5	25.5	7.31	7.5	Yes	450
6/16:00	0.8	110	88.0	24.7	7.34	7.8	Yes	455
7/01:19	0.81	110	89.1	24.8	7.99	10.0	Yes	434
8/07:36	1.1	110	121.0	25.1	7.31	7.8	Yes	392
9/16:24	1.01	110	111.1	24.5	7.38	8.3	Yes	428
10/16:10	0.79	110	86.9	23.9	8.17	11.3	Yes	446
11/01:19	0.89	110	97.9	24.3	8.21	11.3	Yes	414
12/21:36	0.79	110	86.9	24.3	7.28	7.9	Yes	347
13/ 06:13	0.77	110	84.7	24.8	7.17	7.3	Yes	270
14/ 12:46	0.87	110	95.7	24.4	7.22	7.7	Yes	268
15/13:24	0.9	110	99.0	25.5	7.24	7.2	Yes	286
16/15:30	0.58	110	63.8	24.8	7.27	7.4	Yes	417
17/ 16:44	0.75	110	82.5	25.2	7.91	9.4	Yes	427
18/16:47	0.87	110	95.7	23.8	7.31	8.3	Yes	385
19/17:48	0.9	110	99.0	23.8	7.24	8.1	Yes	262
20/ 19:21	0.84	110	92.4	23.5	7.19	8.1	Yes	329
21/ 19:21	0.88	110	96.8	23.4	7.25	8.4	Yes	261
22/ 18:43	0.91	110	100.1	23.0	7.19	8.4	Yes	260
23/ 21:34	0.77	110	84.7	22.3	7.33	9.2	Yes	405
24/ 00:51	0.78	110	85.8	21.2	7.85	12.0	Yes	404
25/12:18	0.83	110	91.3	21.7	7.34	9.7	Yes	315
26/19:05	0.89	110	97.9	21.9	7.19	9.1	Yes	244
27/ 15:40	0.87	110	95.7	22.0	7.22	9.1	Yes	357
28/ 17:29	0.69	110	75.9	21.4	7.32	9.6	Yes	404
29/ 20:48	0.72	110	79.2	21.5	7.27	9.4	Yes	407
30/ 00:20	0.73	110	80.3	21.7	7.54	10.3	Yes	403
31/19.32	0.86	110	94.6	21.2	7.25	9.7	Yes	223

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.