

OHA - Drinking Water Services -Turbidity Monitoring Report Form

Conventional or Direct Filtration

County: **Douglas**
 Month/Year: **July 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 ¹ [NTU]
1	0.03	0.03	PLANT OFF	0.03	0.04	0.03	0.06
2	0.03	0.03	0.03	0.03	0.04	0.04	0.04
3	0.03	0.03	PLANT OFF	0.03	0.03	0.03	0.07
4	0.03	0.03	0.03	0.03	0.03	0.03	0.03
5	0.03	0.03	PLANT OFF	0.04	0.03	0.03	0.07
6	0.03	0.03	0.03	0.03	0.03	0.03	0.03
7	0.03	0.03	PLANT OFF	>	0.03	0.04	0.05
8	0.03	0.03	0.03	0.03	0.03	0.03	0.04
9	0.03	0.03	PLANT OFF	0.04	0.03	0.03	0.06
10	0.03	0.03	0.03	0.03	0.03	0.03	0.03
11	0.03	0.03	Plant Off	0.03	0.03	0.03	0.07
12	0.03	0.03	0.03	0.04	0.03	0.03	0.04
13	0.03	0.03	PLANT OFF	>	0.03	0.03	0.07
14	0.03	0.03	0.03	0.03	0.05	0.04	0.06
15	0.03	0.03	PLANT OFF	>	0.03	0.03	0.06
16	0.03	0.03	0.03	0.03	0.04	0.03	0.04
17	0.03	0.03	PLANT OFF	0.03	0.03	0.03	0.07
18	0.03	0.03	0.03	0.03	0.03	0.03	0.03
19	0.03	0.03	Plant Off	0.03	0.03	0.02	0.07
20	0.02	0.02	0.02	0.02	0.02	0.02	0.02
21	0.02	0.02	PLANT OFF	>	0.03	0.02	0.07
22	0.03	0.03	0.03	0.03	0.03	0.03	0.03
23	0.03	0.03	PLANT OFF	0.03	0.03	0.03	0.06
24	0.03	0.03	0.03	0.03	0.04	0.03	0.04
25	0.03	0.03	Plant Off	0.03	0.03	0.03	0.07
26	0.03	0.03	0.03	0.03	0.04	0.04	0.04
27	0.04	0.04	PLANT OFF	0.04	0.04	0.03	0.08
28	0.03	0.03	0.03	0.03	0.04	0.03	0.04
29	0.03	0.03	PLANT OFF	0.04	0.04	0.03	0.07
30	0.03	0.03	0.03	0.03	0.04	0.04	0.04
31	0.03	0.03	PLANT OFF	0.03	0.04	0.04	0.07

Conventional or Direct Filtration	Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings ≤ 0.3 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No All 4-hour turbidity readings ≤ 1 NTU? <input checked="" type="radio"/> Yes <input type="radio"/> No All turbidity readings < IFE ² triggers <input checked="" type="radio"/> Yes <input type="radio"/> No	CT's met everyday? (see back) <input checked="" type="radio"/> Yes <input type="radio"/> No	All Cl ₂ residual at entry point ≥ 0.2 mg/l? <input checked="" type="radio"/> Yes <input type="radio"/> No

Notes:	PRINTED NAME: Robert Tilton	
	SIGNATURE:	DATE: 8/1/21
	PHONE #: (541) 874-2905	CERT #: 2604

¹ 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.

² 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: July-2021	Disinfection <i>Giardia</i> Log Inactiv:	0.5
--------------	----------------	---------	-------	-----------------------	--	-----

Date / Time	Minimum Cl ₂ Residual at 1st 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]		formula	Yes / No	[GPM]
1/20:08	0.76	110	83.6	25.7	7.28	7.1	Yes	459
2/21:36	0.78	110	85.8	25.2	7.32	7.5	Yes	436
3/ 12:15	0.77	110	84.7	25.3	7.40	7.7	Yes	359
4/17:08	0.79	110	86.9	25.8	7.34	7.3	Yes	344
5/12:32	0.77	110	84.7	25.6	7.40	7.5	Yes	361
6/15:00	0.81	110	89.1	25.5	7.35	7.5	Yes	357
7/16:41	0.64	110	70.4	25.1	7.33	7.5	Yes	374
8/00:02	0.81	110	89.1	24.2	7.39	8.3	Yes	361
9/12:32	0.8	110	88.0	24.8	7.37	7.9	Yes	320
10/ 19:02	0.81	110	89.1	25.1	7.43	7.9	Yes	351
11/12:24	0.79	110	86.9	26.2	7.40	7.2	Yes	364
12/21:25	0.72	110	79.2	25.3	7.39	7.6	Yes	434
13/18:53	0.79	110	86.9	25.4	7.46	7.8	Yes	365
14/21:18	0.64	110	70.4	25.5	7.40	7.5	Yes	440
15/ 12:56	0.72	110	79.2	25.2	7.45	7.8	Yes	365
16/20:39	0.75	110	82.5	25.0	7.41	7.9	Yes	435
17/ 00:00	0.78	110	85.8	24.8	7.48	8.2	Yes	351
18/ 18:55	0.8	110	88.0	25.3	7.42	7.8	Yes	346
19/17:44	0.78	110	85.8	24.6	7.43	8.2	Yes	356
20/00:36	0.82	110	90.2	24.4	7.45	8.4	Yes	357
21/14:40	0.85	110	93.5	23.2	7.23	8.4	Yes	371
22/ 20:08	0.82	110	90.2	23.5	7.44	8.9	Yes	429
23/ 17:49	0.83	110	91.3	23.4	7.51	9.2	Yes	362
24/ 20:08	0.8	110	88.0	23.6	7.44	8.8	Yes	428
25/12:20	0.83	110	91.3	24.4	7.38	8.2	Yes	358
26/23:39	0.82	110	90.2	24.5	7.38	8.1	Yes	446
27/ 18:36	0.73	110	80.3	25.6	7.89	9.0	Yes	444
28/21:13	0.73	110	80.3	24.7	7.36	7.8	Yes	442
29/20:47	0.74	110	81.4	25.4	7.36	7.5	Yes	437
30/ 22:09	0.72	110	79.2	25.2	7.29	7.4	Yes	436
31/ 21:01	0.73	110	80.3	25.3	7.40	7.6	Yes	451

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