

OHA - Drinking Water Services - Turbidity Monitoring Report Form

Conventional or Direct Filtration

County: Polk

Month/Year: Jan-21

System Name:	Buell Red Prairie Water District		ID #41-01174	WTP : TP - A			
Day	24:00 [NTU]	04:00 [NTU]	08:00 [NTU]	12:00 [NTU]	16:00 [NTU]	20:00 [NTU]	Highest Reading of the Day ¹ [NTU]
1	0.05	0.05	0.05	0.05	0.05	0.05	0.05
2	0.05	0.05	0.05	0.05	0.05	0.05	0.05
3	0.05	0.05	0.05	0.05	0.05	0.05	0.05
4	0.05	0.05	0.05	0.05	0.05	0.05	0.05
5	0.05	0.05	0.05	0.05	0.05	0.05	0.05
6	0.05	0.05	0.05	0.05	0.05	0.05	0.05
7	0.05	0.05	0.05	0.05	0.05	0.05	0.05
8	0.05	0.05	0.05	0.05	0.05	0.05	0.05
9	0.05	0.05	0.05	0.05	0.05	0.05	0.05
10	0.05	0.05	0.05	0.05	0.05	0.05	0.05
11	0.05	0.05	0.05	0.05	0.05	0.05	0.05
12	0.05	0.05	0.05	0.05	0.05	0.05	0.05
13	0.05	0.05	0.05	0.05	0.05	0.05	0.05
14	0.05	0.05	0.05	0.05	0.05	0.05	0.05
15	0.05	0.05	0.05	0.05	0.05	0.05	0.05
16	0.05	0.05	0.05	0.05	0.05	0.05	0.05
17	0.05	0.05	0.05	0.05	0.05	0.05	0.05
18	0.05	0.05	0.05	0.05	0.05	0.05	0.05
19	0.05	0.05	0.05	0.06	0.05	0.05	0.05
20	0.05	0.05	0.05	0.06	0.05	0.05	0.05
21	0.05	0.05	0.05	0.06	0.05	0.05	0.05
22	0.05	0.05	0.05	0.05	0.05	0.05	0.05
23	0.05	0.05	0.05	0.06	0.05	0.05	0.05
24	0.05	0.05	0.05	0.05	0.05	0.05	0.05
25	0.05	0.05	0.05	0.05	0.05	0.05	0.06
26	0.05	0.05	0.05	0.06	0.05	0.05	0.05
27	0.05	0.05	0.05	0.06	0.05	0.05	0.05
28	0.05	0.05	0.05	0.06	0.05	0.05	0.05
29	0.05	0.05	0.05	0.05	0.05	0.05	0.05
30	0.05	0.05	0.05	0.06	0.05	0.05	0.05
31	0.05	0.05	0.05	0.06	0.05	0.05	0.05

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

Notes:

Printed Darrel Lockard

SIGNATURE: *Darrel Lockard* 02/08/21

Phone# 541-222-9897 CERT# 2853

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

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP: - A

System Name: Buell Red Prairie Water District ID# 41-01174

Month/Year: Jan-21

Disinfection *Giardia*
Log Inactiv:

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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	1.47	60	88.2	8.2	7.40	52.8	YES	110
2	1.3	60	78.0	8.5	7.40	50.7	YES	110
3	1.34	60	80.4	8.9	7.40	49.6	YES	110
4	1.39	60	83.4	9.0	7.40	49.6	YES	110
5	1.63	60	97.8	8.9	7.40	51.3	YES	110
6	1.33	60	79.8	8.9	7.40	49.6	YES	110
7	1.38	60	82.8	8.6	7.40	50.2	YES	110
8	1.61	60	96.6	8.6	7.40	51.5	YES	110
9	1.37	60	82.2	8.6	7.40	50.8	YES	110
10	1.44	60	86.4	8.3	7.40	52.2	YES	110
11	1.61	60	96.6	8.3	7.40	53.3	YES	110
12	1.6	60	96.0	9.1	7.40	50.4	YES	110
13	1.45	60	87.0	9.3	7.40	48.9	YES	110
14	1.28	60	76.8	9.1	7.40	48.6	YES	110
15	1.31	60	78.6	9.1	7.40	48.8	YES	110
16	1.26	60	75.6	9.2	7.40	48.2	YES	110
17	1.56	60	93.6	9.4	7.40	49.2	YES	110
18	1.41	60	84.6	9.0	7.40	49.7	YES	110
19	1.65	60	99.0	8.8	7.40	51.8	YES	110
20	1.71	60	102.6	7.5	7.40	56.9	YES	110
21	1.32	60	79.2	7.9	7.40	52.9	YES	110
22	1.51	60	90.6	7.5	7.40	55.6	YES	110
23	1.29	60	77.4	7.2	7.40	55.3	YES	110
24	1.45	60	87.0	7.8	7.40	54.1	YES	110
25	1.36	60	81.6	7.3	7.40	55.4	YES	110
26	1.31	60	78.6	6.7	7.40	57.3	YES	110
27	1.34	60	80.4	6.7	7.40	57.5	YES	110
28	1.35	60	81.0	6.8	7.40	57.2	YES	110
29	1.33	60	79.8	5.8	7.40	61.1	YES	110
30	1.41	60	84.6	5.9	7.40	61.2	YES	110
31	1.34	60	80.4	6.3	7.40	59.1	YES	110

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

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