

OHA - Drinking Water Services -Turbidity Monitoring Report Form

County: Polk

Conventional or Direct Filtration

Month/Year: Mar-24

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

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	XXXXXX
2	0.05	0.05	0.06	0.06	0.06	0.06	0.06	XXXXXX
3	0.07	0.06	0.06	0.06	0.07	0.07	0.07	XXXXXX
4	0.07	0.07	0.07	0.06	0.06	0.07	0.07	XXXXXX
5	0.06	0.07	0.07	0.07	0.07	0.07	0.07	XXXXXX
6	0.07	0.07	0.07	0.07	0.07	0.07	0.07	XXXXXX
7	0.07	0.07	0.07	0.07	0.08	0.07	0.08	XXXXXX
8	0.07	0.08	0.07	0.07	0.07	0.08	0.08	XXXXXX
9	0.08	0.08	0.08	0.08	0.08	0.08	0.08	XXXXXX
10	0.08	0.08	0.08	0.08	0.08	0.08	0.08	XXXXXX
11	0.08	0.08	0.08	0.08	0.08	0.08	0.08	XXXXXX
12	0.08	0.08	0.08	0.08	0.08	0.08	0.08	XXXXXX
13	0.08	0.08	0.08	0.08	0.08	0.08	0.08	XXXXXX
14	0.08	0.08	0.08	0.08	0.08	0.08	0.08	XXXXXX
15	0.08	0.09	0.09	0.09	0.09	0.09	0.09	XXXXXX
16	0.09	0.09	0.09	0.09	0.09	0.09	0.09	XXXXXX
17	0.09	0.09	0.09	0.10	0.10	0.10	0.10	XXXXXX
18	0.10	0.10	0.10	0.10	0.10	0.11	0.11	XXXXXX
19	0.11	0.11	0.11	0.11	0.11	0.11	0.11	XXXXXX
20	0.11	0.11	0.11	0.11	0.12	0.11	0.12	XXXXXX
21	0.11	0.12	0.11	0.12	0.12	0.12	0.12	XXXXXX
22	0.12	0.12	0.12	0.12	0.02	0.02	0.12	XXXXXX
23	0.02	0.02	0.03	0.03	0.03	0.03	0.03	XXXXXX
24	0.02	0.03	0.02	0.02	0.03	0.03	0.03	XXXXXX
25	0.02	0.02	0.02	0.02	0.02	0.03	0.03	XXXXXX
26	0.03	0.02	0.02	0.03	0.06	0.03	0.06	XXXXXX
27	0.02	0.02	0.02	0.02	0.02	0.02	0.03	XXXXXX
28	0.02	0.02	0.02	0.02	0.02	0.02	0.02	XXXXXX
29	0.02	0.02	0.02	0.02	0.02	0.02	0.02	XXXXXX
30	0.02	0.02	0.02	0.02	0.02	0.02	0.02	XXXXXX
31								XXXXXX

		Monthly Summary (Answer Yes or No)	
95% of 4-hour turbidity readings ≤ 0.3 NTU?	<input checked="" type="checkbox"/> yes	CT's met everyday? (see back)	<input checked="" type="checkbox"/> Yes
All 4-hour turbidity readings ≤ 1 NTU?	<input checked="" type="checkbox"/> Yes	All Cl2 residual at entry point	<input checked="" type="checkbox"/> Yes
All turbidity readings < IFE ² triggers	<input checked="" type="checkbox"/> Yes		
Notes:	Printed Darrel Lockard		
	SIGNATURE: <i>Darrel Lockard</i>		4/8/24
	Phone# 541- 222-9997		CERT# 2853

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may correspond to continuous readings' maximum. ² IFE = Individ. Filter Effl. (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: Mar-24	Disinfection Giardia Log Inactiv:	0.5
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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 / 0800	1.41	60	84.6	8.0	7.00	23.0	YES	110
1 / 1700	1.5	60	90.0	9.0	7.00	21.8	YES	110
2 / 0800	0.73	60	43.8	8.0	7.00	21.3	YES	110
2 / 1700	1.02	60	61.2	7.0	7.00	23.6	YES	110
3 / 0800	0.91	60	54.6	7.0	7.00	23.3	YES	110
3 / 1700	0.87	60	52.2	7.0	7.00	23.2	YES	110
4 / 0800	1.17	60	70.2	6.0	7.00	25.6	YES	110
5 / 0800	1.23	60	73.8	8.0	7.00	22.6	YES	110
6 / 0800	1.5	60	90.0	11.0	7.00	19.1	YES	110
7 / 0800	1.35	60	81.0	9.0	7.00	21.4	YES	110
8 / 0800	1.51	60	90.6	10.0	7.00	20.4	YES	110
9 / 0800	1.52	60	91.2	12.0	7.00	18.0	YES	110
10 / 0800	1.48	60	88.8	10.0	7.00	20.4	YES	110
11 / 0800	1.38	60	82.8	10.0	7.00	20.1	YES	110
12 / 0800	1.41	60	84.6	9.0	7.00	21.6	YES	110
13 / 0800	1.46	60	87.6	8.0	7.00	23.2	YES	110
14 / 0800	1.05	60	63.0	8.0	7.00	22.1	YES	110
15 / 0800	0.66	60	39.6	13.0	7.00	15.0	YES	110
16 / 0800	1.4	60	84.0	9.0	7.00	21.5	YES	110
17 / 0800	1.38	60	82.8	8.0	7.00	23.0	YES	110
18 / 0800	1.34	60	80.4	8.0	7.00	22.9	YES	110
19 / 0800	1.66	60	99.6	14.0	7.00	15.7	YES	110
20 / 0800	1.5	60	90.0	12.0	7.00	17.9	YES	110
21 / 0800	1.53	60	91.8	13.0	7.00	16.5	YES	110
22 / 0800	1.56	60	93.6	12.0	7.00	18.0	YES	110
23 / 0800	1.51	60	90.6	10.0	7.00	20.4	YES	110
24 / 0800	1.49	60	89.4	8.0	7.00	23.3	YES	110
25 / 0800	1.53	60	91.8	13.0	7.00	16.5	YES	110
26 / 0800	1.08	60	64.8	11.0	7.00	18.2	YES	110
27 / 0800	1.23	60	73.8	11.0	7.00	18.6	YES	110
28 / 0800	1.31	60	78.6	12.0	7.00	17.5	YES	110
29 / 0800	1.26	60	75.6	13.0	7.00	16.0	YES	110
30 / 0800	1.12	60	67.2	13.0	7.00	15.8	YES	110

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