

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - JULY 2003**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plant Located at Saddlebrook in Christian County													
		9:20 a.m.	21.0° C 69.8° F	0.402	0.201	8.6	<.15	1.0	7.9	11 gpg	188.1	<1/100 ml	0.09	0.03
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		9:48 a.m.	22.5° C 72.5° F	0.365	0.182	8.4	<.15	1.0	8.3	11 gpg	188.1	39/100 ml	0.02	0.01
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		10:18 a.m.	23.1° C 73.5° F	0.391	0.195	8.3	<.15	<1.0	8.1	10 gpg	171	9/100 ml	0.04	0.01
4	Sample Site: Bull Creek Village in Taney County													
		10:36 a.m.	28.3° C 82.9° F	0.358	0.179	7.6	<.15	<1.0	8.5	12 gpg	205.2	TNTC secondary growth	0.04	0.013

Comments: The elevated fecal counts currently at Sample Site #2 could be explained due to the stables immediately upstream. According to current information, the treatment plant is still in the construction phase.

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - AUGUST 2003**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		11:27 AM	73.9	0.409	0.205	8.2	<.15	<1.0	7.2	11	188.1	1/100	0.03	0.009
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		11:10	76.6	0.399	0.199	8	<.15	<1.0	7.4	11	188.1	11/100	0.04	0.013
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		10:48 AM	74.8	0.408	0.204	8	<.15	<1.0	7.2	12	205.2	5/100	0.03	0.009
4	Sample Site: Bull Creek Village in Taney County													

Comments:

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - SEPTEMBER 2003**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		09:28	67.5° F	0.406	0.209	8.7	<.15	1	7.9	11	188.1	14	0.02	0.006
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		09:11	67.5° F	0.393	0.196	8.7	<.15	1	8	12	205.2	39	0.08	0.026
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		09:58	70.2° F	0.321	0.161	8.6	<.15	1	7.8	12	205.2	61	0.03	0.009
4	Sample Site: Bull Creek Village in Taney County													
		10:45	71.2° F	0.383	0.192	8.5	<.15	1	8.1	11	188.1	45	0.02	0.006

Comments:

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - OCTOBER 2003**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		2:39pm	66.7°	0.393	0.256	11.1	<.15	1.5	8	11	188.1	28	0.07	0.02
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		2:23pm	65.6°	0.372	0.242	10.6	<.15	1	8.1	11	188.1	8	0.04	0.01
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		1:57pm	66.5°	0.407	0.264	8.7	<.15	1	7.9	12	205.2	16	0.09	0.03
4	Sample Site: Bull Creek Village in Taney County													
		8:35am	51.7°	0.427	0.277	12.8	<.15	<1	8.2	13	222.3	8	0.01	0.003

Comments:

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - NOVEMBER 2003**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:01am	60	0.417	0.271	10.7	<.15	1	8.4	10	171	14	0.05	0.016
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		9:43am	59.6	0.417	0.271	10.2	<.15	1	8.4	11	188.1	25	0.04	0.013
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		9:18am	58.9	0.421	0.274	8.8	<.15	1	8.1	12	205.2	13	0.03	0.009
4	Sample Site: Bull Creek Village in Taney County													

Comments:

**TANEY COUNTY REGIONAL
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**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - DECEMBER 2003**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	Hi flow condition water over road to sample site													
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
	Hi flow condition	9:56am	46.7°	0.397	0.258	13.7	<.15	1	8.6	13	222.3	33	0.02	0.006
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
	Hi flow condition	9:25am	46.3°	0.404	0.262	13.1	<.15	1	8.4	13	222.3	22	0.04	0.013
4	Sample Site: Bull Creek Village in Taney County													
	Hi flow condition	12:03pm	44.8°	0.409	0.266	15.1	<.15	1	8.7	13	222.3	2	0.05	0.016

Comments: At the time of sample collections the snow melt and rainfall combined led to a high flow condition of Bull Creek. Although the lower bridge was able to be crossed the upper low water bridge was not. This was the highest that I had seen the stream over the bridges to date.

**TANEY COUNTY REGIONAL
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**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - FEBRUARY 2004**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness gpg	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:41am	44.3°	0.356	0.231	12.6	<.15	1	8.6	11	188.1	18	0.04	0.013
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Chrstain County													
		10:25am	44.1°	0.356	0.231	12.6	<.15	1	8.6	11	188.1	21	0.07	0.02
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		10:03am	43.5°	0.366	0.238	12.2	<.15	1	8.6	12	205.2	2	0.06	0.019
4	Sample Site: Bull Creek Village in Taney County													
		11:33am	38.9°	0.382	0.248	14.1	<.15	1	8.6	11	188.1	2	0.02	0.006

Comments:

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - MARCH 2004**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		9:57am	46.5°	0.335	0.218	12.3	<.15	1	8.5	11	188.1	<1	0.11	0.035
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		9:41am	46.2°	0.335	0.218	12.4	<.15	1	8.5	11	188.1	1	0.08	0.026
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		9:22am	45.4°	0.342	0.223	12.5	<.15	1	8.5	12	205.2	1	0.08	0.026
4	Sample Site: Bull Creek Village in Taney County													
		11:30am	48°	0.356	0.232	12.2	<.15	1	8.8	11	188.1	<1	0.04	0.013

Comments: Streams were at above average flow conditions

**TANEY COUNTY REGIONAL
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**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - APRIL 2004**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:01am	58.6	0.344	0.224	11.1	<.15	1	8.6	12	205.2	15	0.08	0.026
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		9:50am	58.5	0.334	0.217	10.8	<.15	1	8.4	12	205.2	10	0.08	0.026
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		9:30am	60	0.355	0.231	9.8	<.15	1	8.2	12	205.2	17	0.09	0.029
4	Sample Site: Bull Creek Village in Taney County													
		10:56am	65.1	0.365	0.237	10.2	<.15	1	8.6	12	205.2	30	0.05	0.016

Comments:

Stream at a more normal level of flow

**TANEY COUNTY REGIONAL
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**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - JUNE 2004**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		11:30 AM	69	0.367	0.238	8	<.15	1	8.6	12	205.2	5	0.09	0.029
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		11:24	67	0.365	0.237	8.4	<.15	<1.0	8.8	12	205.2	4	0.08	0.026
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		11:00	69.6	0.353	0.23	8	<.15	<1	8.4	12	205.2	9	0.07	0.022
4	Sample Site: Bull Creek Village in Taney County													
		01:00	76.1	0.321	0.209	9.5	<.15	1	8.8	12	205.2	80	0.09	0.029

Comments:

**TANEY COUNTY REGIONAL
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**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - JULY 2004**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		11:25am	76.8	0.394	0.256	7.5	<.15	1	7.6	11	188.1	15	0.06	0.02
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		11:04am	75.1	0.393	0.255	7.4	<.15	1	7.6	10	171	7	0.09	0.03
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		10:18am	76.4°	0.402	0.261	7.9	<.15	<1.0	7.8	12	205.2	14	0.06	0.02
4	Sample Site: Bull Creek Village in Taney County													
		9:51am	69.5°	0.373	0.242	8.1	<.15	1	8.1	11	188.1	102	0.03	0.01

Comments: stream flows this month very low and shallow with high ambient air temps.

**TANEY COUNTY REGIONAL
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**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - AUGUST 2004**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:16 AM	66.9°	0.398	0.259	5.9	<.15	1	7.9	11	188.1	<1	0.02	0.009
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		10:01	66.8°	0.394	0.256	6.2	<.15	1	7.8	11	188.1	4	0.03	0.01
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		09:33	69.8°	0.395	0.257	6.1	<.15	1	7.9	11	188.1	1	0.06	0.02
4	Sample Site: Bull Creek Village in Taney County													
		11:15	69.9°	0.369	0.24	8.1	<.15	<1.0	8.2	11	188.1	38	0.03	0.01

Comments:

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - SEPTEMBER 2004**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	low flow	11:01am	65.3°	0.342	0.222	6.4	<.15	<1.0	7.9	12	205.2	57	0.03	0.01
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
	low flow	10:48am	64.8°	0.406	0.264	6	<.15	<1.0	7.8	12	205.2	31	0.03	0.01
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
	low flow	10:27am	64.7°	0.41	0.266	6.1	<.15	<1.0	7.9	12	205.2	2	0.027	0.009
4	Sample Site: Bull Creek Village in Taney County													
	low flow	11:55am	68.4	0.359	0.223	8.7	<.15	<1.0	8.2	11	188.1	16	0.03	0.01

Comments: stream conditions are very low flows

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - OCTOBER 2004**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:10am	61.9°	0.41	0.267	7	<.15	1	7.9	12	205.2	2	0.03	0.01
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		9:48am	61.9°	0.41	0.266	7.1	<.15	1	7.9	12	205.2	2	0.03	0.01
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		9:27am	62.1	0.413	0.269	7	<.15	<1	7.8	14	239.4	3	0.18	0.06
4	Sample Site: Bull Creek Village in Taney County													
		11:45am	61.8	0.422	0.274	9.8	<.15	<1	7.8	14	239.4	19	0.03	0.01

Comments:

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - DECEMBER 2004**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	Hi water-could not get to the sample site													
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
	Hi water- could not get to the sample site													
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		10:52 a.m.	49.4°	0.338	0.22	11.1	<.15	1	8.4	9	153.9	61	0.027	0.009
4	Sample Site: Bull Creek Village in Taney County													
		11:30a.m.	49.3°	0.347	0.225	11.7	<.15	<1.0	8.2	11	188.1	39	0.03	0.01

Comments: Hi water conditions from heavy rains. Lowest slab was under water and to dangerous to attempt to cross. Upper sites were behind the hi water crossing.

**TANEY COUNTY REGIONAL
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**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - JANUARY 2005**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		11:27 AM	42.8	0.313	0.203	14	<.15	1	8.1	9	153.9	11	0.03	0.01
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		11:00AM	42.2	0.314	0.204	14.3	<.15	1	8.1	9	153.9	12	0.027	0.009
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		10:35AM	40.9	0.271	0.176	15.1	<.15	1	8.1	9	153.9	6	0.027	0.009
4	Sample Site: Bull Creek Village in Taney County													
		12:00PM	44.3	0.319	0.207	12.5	<.15	1	8.2	9	153.9	7	0.03	0.01

Comments:

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - JUNE 2005**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plant Located at Saddlebrook in Christian County													
		10:30a.m.	65°	0.369	0.24	9	<.15	<1.0	8.3	10	171	8	0.03	0.01
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		10:15a.m.	64.8°	0.37	0.24	8.21	<.15	<1.0	8.4	10	171	10	0.09	0.03
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		9:50a.m.	67.09°	0.38	0.247	6.68	<.15	<1.0	8.4	11	188.1	14	0.03	0.01
4	Sample Site: Bull Creek Village in Taney County													
		10:15a.m.	73.0°	0.408	0.265	6.8	<.15	<1.0	8.2	11	188.1	26	0.06	0.02

Comments: low flows with dry drought like conditions. Stream flowing at approximately 1/4 of normal appearing flow.

**TANEY COUNTY REGIONAL
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**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - JULY 2005**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:05a.m.	76.3°	0.397	0.258	4.5	<.15	<1	8.2	12	205.2	Aprox.81	0.03	0.01
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		9:50a.m.	72.1°	0.434	0.282	5.9	<.15	<1	8.1	12	205.2	38	0.06	0.02
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		9:30a.m.	74.2°	0.403	0.262	5	<.15	<1	8	12	205.2	2	0.03	0.01
4	Sample Site: Bull Creek Village in Taney County													
		10:35a.m.	74.7°	0.357	0.232	6.7	<.15	<1	8.3	12	205.2	aprox.98	0.15	0.05

Comments: very hot and dry conditions with minimal flows

**TANEY COUNTY REGIONAL
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**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - AUGUST 2005**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:30am	75°	0.409	0.266	4.5	<.15	<1	7.8	12	205.2	aprox. 97	0.03	0.01
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		10:17am	62.9°	0.439	0.286	6	<.15	<1	7.7	12	205.2	aprox. 71	0.15	0.05
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		9:55am	73.5°	0.406	0.264	5	<.15	<1	8.1	13	222.3	11	0.03	0.01
4	Sample Site: Bull Creek Village in Taney County													
		11:24am	79.8°	0.336	0.218	7.9	<.15	1	8.2	10	171	51	0.03	0.01

Comments: stream at very low flow levels

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - SEPTEMBER 2005**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:37am	72.3°	0.42	0.273	5.7	<.15	<1	7.9	12	205.2	8	0.02	0.009
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		10:27am	63.9°	0.449	0.292	6.2	<.15	<1	7.8	12	205.2	34	0.02	0.009
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		10:02am	71.7°	0.347	0.226	7.7	<.15	<1	7.9	11	188.1	29	0.06	0.02
4	Sample Site: Bull Creek Village in Taney County													
		11:30am	79.7°	0.347	0.226	7.7	<.15	<1	8.3	12	205.2	aprox. 79	0.02	0.009

Comments: stream flow low from lack of rain

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - OCTOBER 2005**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:32am	68.1°	0.424	0.276	5.5	<.15	1.5	8	14	239.4	68	0.03	0.01
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		10:15am	65.6°	0.442	0.287	5	<.15	1	7.9	14	239.4	62	0.06	0.02
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		9:55am	68.5°	0.41	0.267	5.3	<.15	1	7.9	12	205.2	29	0.03	0.01
4	Sample Site: Bull Creek Village in Taney County													

Comments:

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - NOVEMBER 2005**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:15am	58.6°	0.427	0.277	8.5	<.15	1	8.2	12	205.2	13	0.03	0.01
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		10:00am	58.8°	0.42	0.273	6.5	<.15	1	8	12	205.2	<1	0.06	0.02
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		9:40am	62.6°	0.401	0.261	7.2	<.15	<1	8	12	205.2	2	0.03	0.01
4	Sample Site: Bull Creek Village in Taney County													
		11:05am	64°	0.362	0.235	8.6	<.15	1	8.3	12	205.2	5	0.06	0.02

Comments: Low flow conditions with algae growth in shallow pools above tx system for saddlebrook

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - DECEMBER 2005**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:12am	43.9°	0.375	0.244	11.8	<.15	<1	8.5	11	188.1	2	0.027	0.009
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		10:00am	44.8°	0.366	0.238	12.6	<.15	1	8.3	11	188.1	1	0.03	0.01
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		9:37am	44.9°	0.382	0.248	12.8	<.15	<1	8.3	11	188.1	1	0.027	0.009
4	Sample Site: Bull Creek Village in Taney County													
		11:00am	42.2°	0.387	0.252	14.6	<.15	<1	8.5	11	188.1	9	0.03	0.01

Comments: stream conditions clear and cold. Recent rainfall events caused flooding and flushing of stream. No algae growth and high dissolved oxygen readings.

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - JANUARY 2006**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness gpg	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	2006-01-03	11:06am	45.9°	0.371	0.241	10.5	<.15	<1	8.4	12	205.2	<1	0.027	0.009
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
	2006-01-03	10:52am	46.8°	0.353	0.23	10.8	<.15	<1	8.4	12	205.2	<1	0.027	0.009
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
	2006-01-03	10:32am	46.7°	0.377	0.245	11.3	<.15	<1	8.4	12	205.2	4	0.03	0.01
4	Sample Site: Bull Creek Village in Taney County													
	2006-01-26	11:58am	45.8°	0.373	0.242	13.2	<.15	<1	8.6	10	171	<1	0.027	0.009

Comments: streams are at low flow conditions with area drought stricken

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - FEBRUARY 2006**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:21am	43.2°	0.368	0.239	11.9	<.15	<1	8.5	10	171	<1	0.027	0.009
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		10:07am	43.6°	0.367	0.238	13.1	<.15	<1	8.5	10	171	3	0.027	0.009
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		9:42am	43.3°	0.377	0.245	13	<.15	<1	8.4	11	188.1	1	0.027	0.009
4	Sample Site: Bull Creek Village in Taney County													
		10:28am	39.5°	0.385	0.25	13.8	<.15	<1	8.6	13	222.3	<1	0.027	0.009

Comments: stream flow up slightly due to short recent rains

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - MARCH 2006**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:22a.m.	46.9°	0.317	0.206	11.8	<.15	<1	8.5	10	171	1	0.027	0.009
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		10:10a.m.	46.7°	0.326	0.212	12.5	<.15	1	8.5	10	171	<1	0.03	0.01
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		9:45a.m.	45.9°	0.336	0.218	11.9	<.15	<1	8.5	10	171	1	0.027	0.009
4	Sample Site: Bull Creek Village in Taney County													
		11:20a.m.	47.4°	0.35	0.228	12.6	<.15	<1	8.4	10	171	2	0.027	0.009

Comments: The Bull Creek Stream was at a strong flow level and running clear-beautiful clear stream-cold with no predominant algae growth

**TANEY COUNTY REGIONAL
SEWER DISTRICT**

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - MAY 2006**

	Bull Creek	TIME am/pm	Water Temp F	Conductivity MS/CM	Dissolved Solids g/l	Dissolved Oxygen mg/l	Nitrites (RNG) mg/l	Nitrates (RNG) mg/l	pH	Hardness gpg	Hardness mg/l	Fecal Coliform 100 ml	PO mg/l	Total (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
		10:47am	60.1°	0.353	0.23	9	<.15	1	8.5	10	171	15	..03	0.01
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
		10:35am	60°	0.353	0.23	9.2	<.15	1	8.5	10	171	27	0.03	0.01
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
		10:14am	59.8°	0.358	0.233	7.9	<.15	1	8.5	10	171	42	0.06	0.02
4	Sample Site: Bull Creek Village in Taney County													

Comments:

stream at hi flow conditions from recent rain fall