

Taney County Planning
Water Quality Lab

WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES -January 2012

	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	phos (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	5-Jan	11:48am	43.9°	0.339	0.22	14.5	<.15	1	7.6	10	171	15	0.12	0.04
2	Sample Site: Below Treatment plant serving Saddlebrook													
	5-Jan	11:32am	44.0°	0.343	0.223	14.5	<.15	<1	7.4	10	171	4	0.15	0.05
3	Sample Site: Low Water Crossing at Goodnight Hollow road in Taney County													
	5-Jan	11:15am	43.1°	0.35	0.227	14.8	<.15	<1	7.4	10	171	<1	0.12	0.04
4	Sample Site: Bull Creek Village in Taney County													
	31-Jan	10:07am	47.5°	0.363	0.236	13.9	<.15	<1	8.1	10	171	21	0.03	0.01

strong flows of stream

Taney County Planning
Water Quality Lab

WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES -February 2012

	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	phos (P) mg/l	
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County														
	9-Feb	10:14am	44.5°	0.329	0.215	11.9	<.15	<1	8	10	171	8	0.03	0.01	
2	Sample Site: Below Treatment plant serving Saddlebrook														
	9-Feb	10:02am	44.5°	0.331	0.215	11.8	<.15	<1	7.9	10	171	2	0.06	0.02	
3	Sample Site: Low Water Crossing at Goodnight Hollow road in Taney County														
	9-Feb	9:40am	44.1°	0.335	0.218	12.2	<.15	<1	7.8	10	171	9	0.03	0.01	
4	Sample Site: Bull Creek Village in Taney County														
	27-Feb	9:15am	47.2°	0.354	0.23	11.9	<.15	<1.0	8.1	10	171	2	0.18	0.06	

strong flows of stream

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Water Quality Lab

WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - March 2012

	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	phos (P) mg/l	
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County														
	7-Mar	9:35am	49.7°	0.339	0.22	12.2	<.15	<1.0	7.9	11	188.1	<1	0.15	0.05	
2	Sample Site: Below Treatment plant serving Saddlebrook														
	7-Mar	9:18am	50.0°	0.341	0.221	11.7	<.15	<1.0	7.8	11	188.1	<1	0.09	0.03	
3	Sample Site: Low Water Crossing at Goodnight Hollow road in Taney County														
	7-Mar	9:00am	50.0°	0.346	0.225	12	<.15	<1.0	7.8	12	205.2	1	0.12	0.04	
4	Sample Site: Bull Creek Village in Taney County														
	27-Mar	9:50am	57.1°	0.344	0.224	12	<.15	1	7.8	10	171	1	0.15	0.05	

strong flows of stream

Water Quality Lab

WATER QUALITY DATA UPPER BULL CREEK - TANEY COUNTY STREAM SAMPLES - April 2012														
	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	phos (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	2-Apr	10:40am	59.2°	0.33	0.214	12.1	<.15	<1.0	7.5	10	171	10	0.18	0.06
2	Sample Site: Below Treatment plant serving Saddlebrook													
	2-Apr	10:27am	59.1°	0.332	0.216	11.9	<.15	<1.0	7.4	10	171	8	0.18	0.06
3	Sample Site: Low Water Crossing at Goodnight Hollow road in Taney County													
	2-Apr	9:52am	59.3°	0.335	0.218	11.8	<.15	<1.0	7.9	10	171	11	0.18	0.06
4	Sample Site: Bull Creek Village in Taney County													
	26-Apr	9:25am	67.9°	0.351	0.228	8.8	<.15	<1.0	7.5	11	188.1	13	0.09	0.03

strong flows of stream

Water Quality Lab

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - May 2012**

	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	phos (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	1-May	9:59	62.5°	0.345	0.224	10.9	<.15	<1.0	8.1	12	205.2	49	0.09	0.03
2	Sample Site: Below Treatment plant serving Saddlebrook													
	1-May	9:40	61.7°	0.347	0.225	10.1	<.15	<1.0	8	12	205.2	59	0.12	0.04
3	Sample Site: Low Water Crossing at Goodnight Hollow road in Taney County													
	1-May	9:24	62.8°	0.354	0.23	9	<.15	<1.0	8.1	12	205.2	25	0.12	0.04
4	Sample Site: Bull Creek Village in Taney County													
	21-May	10:05	69.4°	0.349	0.227	8.9	<.15	<1.0	8	11	188.1	38	0.15	0.05

Taney County Planning
Water Quality Lab

WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - June 2012

	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	phos (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	4-Jun	9:37am	68.5°	0.368	0.239	8.7	<.15	<1.0	8.3	11	188.1	29	0.15	0.05
2	Sample Site: Below Treatment plant serving Saddlebrook													
	4-Jun	9:26am	68.1°	0.37	0.24	9.4	<.15	<1.0	8.3	11	188.1	27	0.18	0.06
3	Sample Site: Low Water Crossing at Goodnight Hollow road in Taney County													
	4-Jun	9:08am	67.2°	0.378	0.246	7.9	<.15	<1.0	8.2	11	188.1	14	0.18	0.06
4	Sample Site: Bull Creek Village in Taney County													
	25-Jun	8:22am	77.7°	0.333	0.226	7	<.15	<1.0	8.4	10	171	58	0.12	0.04

Taney County Planning
Water Quality Lab

WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - July 2012

	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	phos (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	2-Jul	10:14am	77.0°	0.38	0.247	6.8	<.15	<1.0	8.3	12	205.2	49	0.12	0.04
2	Sample Site: Below Treatment plant serving Saddlebrook													
	2-Jul	10:02am	75.0°	0.385	0.25	7.2	<.15	<1.0	8.3	12	205.2	11	0.15	0.05
3	Sample Site: Low Water Crossing at Goodnight Hollow road in Taney County													
	2-Jul	9:32am	68.2°	0.395	0.256	6.9	<.15	<1.0	8.3	14	239.4	8	0.18	0.06
4	Sample Site: Bull Creek Village in Taney County													
	23-Jul	9:17am	79.6°	0.361	0.235	6.1	<.15	<1.0	8.2	12	205.2	45	0.21	0.07

in severe drought situation

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Water Quality Lab

WATER QUALITY DATA UPPER BULL CREEK - TANEY COUNTY STREAM SAMPLES - July 2012														
	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	phos (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	2-Jul	10:14am	77.0°	0.38	0.247	6.8	<.15	<1.0	8.3	12	205.2	49	0.12	0.04
2	Sample Site: Below Treatment plant serving Saddlebrook													
	2-Jul	10:02am	75.0°	0.385	0.25	7.2	<.15	<1.0	8.3	12	205.2	11	0.15	0.05
3	Sample Site: Low Water Crossing at Goodnight Hollow road in Taney County													
	2-Jul	9:32am	68.2°	0.395	0.256	6.9	<.15	<1.0	8.3	14	239.4	8	0.18	0.06
4	Sample Site: Bull Creek Village in Taney County													
	23-Jul	9:17am	79.6°	0.361	0.235	6.1	<.15	<1.0	8.2	12	205.2	45	0.21	0.07

in severe drought situation

Taney County Planning
Water Quality Lab

**WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - August 2012**

	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	phos (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	6-Aug low flow	9:54am	76.4°	0.379	0.246	6.9	<.15	<1.0	8.2	11	188.1	tntc aprox 110	0.12	0.04
2	Sample Site: Below Treatment plant serving Saddlebrook													
	6-Aug low flow	9:42am	73.1°	0.393	0.258	7.2	<.15	<1.0	8.2	11	188.1	16	0.12	0.04
3	Sample Site: Low Water Crossing at Goodnight Hollow road in Taney County													
	6-Aug low flow	9:15am	70.7°	0.412	0.268	7.1	<.15	<1.0	8.3	12	205.2	49	0.18	0.06
4	Sample Site: Bull Creek Village in Taney County													
	23-Aug low flow	9:30am	70.9°	0.368	0.239	8.8	<.15	<1.0	8.1	12	205.2	22	0.15	0.05

extreme drought this month

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WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - September 2012

	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	phos (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	4-Sep	10:02am	74.4°	0.412	0.268	8.2	<.15	<1.0	8.2	12	205.2	11	0.09	0.03
2	Sample Site: Below Treatment plant serving Saddlebrook													
	4-Sep	9:47am	73.2°	0.421	0.274	7.6	<.15	<1.0	8.2	14	239.4	3	0.06	0.02
3	Sample Site: Low Water Crossing at Goodnight Hollow road in Taney County													
	4-Sep	9:27am	71.8°	0.436	0.283	7.1	<.15	<1.0	8.3	14	239.4	55	0.12	0.04
4	Sample Site: Bull Creek Village in Taney County													
	27-Sep	10:09am	70.3°	0.424	0.276	10.1	<.15	<1.0	8.3	12	205.2	tntc >90	0.15	0.05

still in drought conditions- had a small amount of rain recently

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Water Quality Lab

WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - October 2012

	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	phos (P) mg/l
1	Sample Site: Above Treatment Plan Located at Saddlebrook in Christian County													
	2-Oct	10:12am	63.1°	0.439	0.285	9.6	<.15	<1.0	8.3	12	205.2	28	0.09	0.03
2	Sample Site: Below Treatment plant serving Saddlebrook													
	2-Oct	10:01am	63.5°	0.439	0.285	9.8	<.15	<1.0	8.3	12	205.2	18	0.09	0.03
3	Sample Site: Low Water Crossing at Goodnight Hollow road in Taney County													
	2-Oct	9:38am	65.6°	0.448	0.291	9.4	<.15	<1.0	8.3	12	205.2	36	0.09	0.03
4	Sample Site: Bull Creek Village in Taney County													
	30-Oct	10:01am	49.2°	0.44	0.286	11.2	<.15	<1.0	8.3	12	205.2	2	0.06	0.02

better flow conditions than recent drought

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WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - November 2012

	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													
	5-Nov	10:40am	56.2°	0.406	0.264	12.7	<.15	1	8.4	12	205.2	11	0.06	0.02
2	Sample Site: Near Treatment Plant Located at Saddlebrook in Christian County													
	5-Nov	10:34am	56.1°	0.431	0.28	11.9	<.15	1	8.4	12	205.2	12	0.06	0.02
3	Sample Site: Low Water Crossing at Goodnight Road in Taney County													
	5-Nov	10:11am	56.8°	0.436	0.283	12.2	<.15	1	8.3	12	205.2	29	0.09	0.03
4	Sample Site: Bull Creek Village in Taney County													
	26-Nov	9:30am	45.4°	0.415	0.27	11.8	<.15	<1.0	8.1	12	205.2	31	0.12	0.04

Comments:

Taney County Planning
Water Quality Lab

WATER QUALITY DATA
UPPER BULL CREEK - TANEY COUNTY
STREAM SAMPLES - December 2012

	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													
	5-Dec	9:27am	49.1°	0.413	0.269	11.8	<.15	1	8	12	205.2	10	0.06	0.02
2	Below TX. Plant Located at Saddlebrook in Christain County													
	5-Dec	9:11am	49.2°	0.414	0.269	11.4	<.15	<1.0	8	12	205.2	16	0.03	0.01
3	Crossing at Goodnight Road in Taney County													
	5-Dec	8:52am	50.2°	0.425	0.276	10.9	<.15	<1.0	7.9	12	205.2	22	0.06	0.02
4	Sample Site: Bull Creek Village in Taney County													
	14-Dec	9:40am	38.8°	0.435	0.283	10.9	<.15	<1.0	8.2	12	205.2	16	0.06	0.02

Comments: recent rains, stream levels still low to moderate