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## SABINE RIVER AUTHORITY OF TEXAS

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**TO:** INTERESTED PARTIES  
**FROM:** ENVIRONMENTAL SERVICES DIVISION  
**RE:** JULY 2020 MONTHLY WATER QUALITY REPORT

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The Environmental Services Field Offices conducted water quality monitoring in the Sabine Basin from July 13<sup>th</sup> through the 16<sup>th</sup>. The results of field monitoring are presented in this report<sup>1</sup> and additional data can be found using the Texas Commission on Environmental Quality (TCEQ) [Clean Rivers Program Data Tool](#).

### **Sabine Basin Tidal (Including Tributaries)**

**Weather** – Air temperatures in the tidal basin were hot with highs in the upper 80s to mid-90s. Low temperatures were in the mid to upper 70s. The tidal stations received no rainfall in the seven days prior to the sampling event.

**Tidal Conditions** – Surface salinity values were not greater than 2 ppt at any of the six tidal stations. The highest salinity value of 4.6 ppt was recorded at station 10391 (SRT1) at a depth of 10.0 meters.

### **Lower Sabine Basin (Toledo Bend Reservoir and the Sabine River downstream to Tidal)**

**Weather** – No air temperatures were recorded for the week of sampling due to an inoperable gauge. Toledo Bend received 1.54 inches of rainfall during the seven days prior to the sampling event.

**Lake Level** - The level of Toledo Bend was 171.6 feet with a daily average discharge of 14,085 cfs on the day of sampling. Toledo Bend has a conservation pool level of 172 feet msl. Reservoir profiles indicated stratification of the water column.

### **Upper Sabine Basin (Lake Tawakoni, Lake Fork Reservoir, and the Sabine River upstream of Toledo Bend)**

**Weather** - Air temperatures in the upper basin were hot with highs in the mid-80s to low 100s. Low temperatures were in the low to upper 70s. Lake Fork and Lake Tawakoni received 1.00 and 0.07 inches of rainfall, respectively, during the seven days prior to sampling.

**Lake Level** - The level of Lake Tawakoni was 437.27 feet msl with a release of 6 cfs on the day of sampling. The level of Lake Fork was 402.64 feet msl with a 20 cfs release on the day of sampling. Lake Tawakoni and Lake Fork have conservation pool levels of 437.5 feet msl and 403 feet msl, respectively. Reservoir profiles at Lake Fork indicated stratification of the water column. No profiles were taken at Lake Tawakoni due to inclement weather.

This report and additional links to data for these monitoring stations are available at the [Sabine River Authority of Texas website](#). If you have any questions or comments concerning this report, please contact:

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409-746-3284 ([jwiegrefe@sratx.org](mailto:jwiegrefe@sratx.org))
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<sup>1</sup> Data in this report is considered preliminary until it is available in TCEQ's Surface Water Quality Monitoring Information System database.

**SABINE RIVER AUTHORITY OF TEXAS**  
**Monthly Water Quality Report**

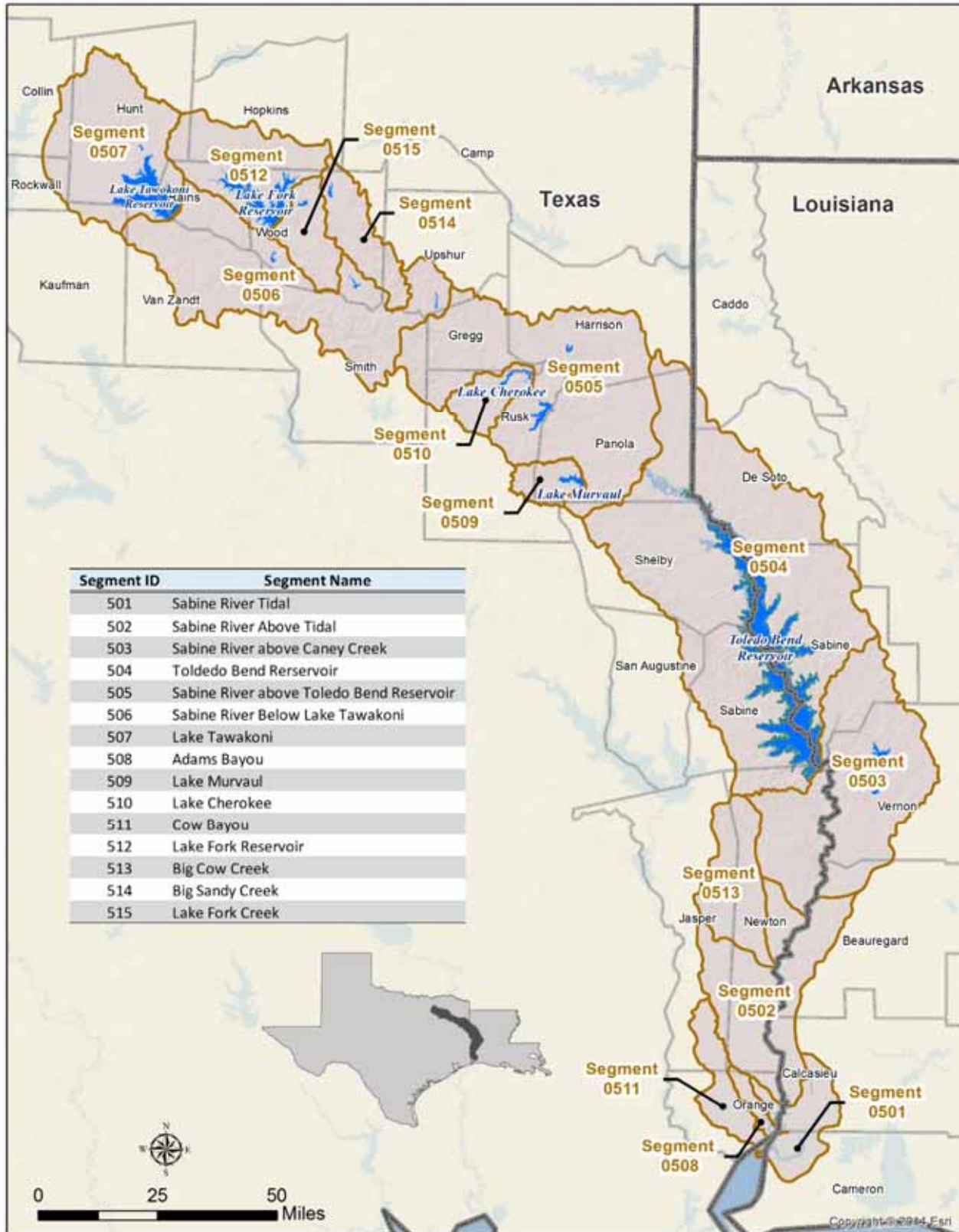
Table of Contents

<b>Fixed Monitoring Stations .....</b>	<b>4</b>
<b>Segment 0501 – Sabine River Tidal.....</b>	<b>5</b>
<b>Segment 0502 - Sabine River Above Tidal.....</b>	<b>7</b>
<b>Segment 0503 - Sabine River Above Caney Creek .....</b>	<b>8</b>
<b>Segment 0504 – Toledo Bend Reservoir.....</b>	<b>9</b>
<b>Segment 0505 - Sabine River Above Toledo Bend Reservoir .....</b>	<b>14</b>
<b>Segment 0506 - Sabine River Below Lake Tawakoni .....</b>	<b>15</b>
<b>Segment 0507 - Lake Tawakoni.....</b>	<b>19</b>

Table of Figures

<b>Sabine Basin Map .....</b>	<b>3</b>
<b>Segment 0501.....</b>	<b>5</b>
<b>Segment 0502.....</b>	<b>7</b>
<b>Segment 0503.....</b>	<b>8</b>
<b>Toledo Bend Reservoir Profiles .....</b>	<b>11</b>
<b>Segment 0504.....</b>	<b>13</b>
<b>Segment 0505.....</b>	<b>14</b>
<b>Lake Fork Reservoir Profiles.....</b>	<b>17</b>
<b>Segment 0506.....</b>	<b>18</b>
<b>Lake Tawakoni Reservoir Profiles .....</b>	<b>20</b>
<b>Segment 0507.....</b>	<b>21</b>

# Sabine Basin Map



## Current Fixed Monitoring Stations

Segment	Station TCEQ ID (SRA-TX ID)	Location
501	10391 (SRT1)	SABINE RIVER AT CHANNEL CAN 3
501	15654 (BB1)	BLACK BAYOU IN CAMERON PARISH
511	10449 (CB1)	COW BAYOU AT ROUND BUNCH ROAD
508	10441 (AB2)	ADAMS BAYOU AT FM 1006
501	15653 (ICW1)	INTERCOASTAL WATERWAY AT PERRY RIDGE
501	10394 (SRT2)	SABINE RIVER AT IH 10
502	10395 (SR1)	SABINE RIVER 12.00 KM UPSTREAM OF IH 10
502	10397 (SR2)	SABINE RIVER AT SH 12 NORTH OF DEWEYVILLE TX.
513	10465 (BCC1)	BIG COW CREEK AT FM 1416 SOUTH OF BON WIER
503	10398 (SR3)	SABINE RIVER AT US 190 EAST OF BON WIER TX.
503	10340 (BA4)	ANACOCO BAYOU AT LOUISIANA HWY 111 CROSSING SOUTHWEST OF KNIGHT LA.
503	10399 (SR5)	SABINE RIVER AT SH 63 EAST OF BURKEVILLE TX.
503	10401 (TB6S)	SABINE RIVER BELOW TOLEDO BEND RESERVOIR AT RIGHT ABUTMENT OF SPILLWAY FOR DAM
503	15660 (BT1)	BAYOU TORO AT LA SH 392 IN SABINE PARISH SW OF HORNBECK LA.
504	10404 (TB6A)	TOLEDO BEND RESERVOIR MAIN LAKE ABOVE THE DAM AT THE OLD RIVER CHANNEL
504	10406 (TB6C)	TOLEDO BEND RESERVOIR IN SIX MILE BOAT LANE 0.8KM EAST OF SH 87
504	18054 (TB6Q)	TOLEDO BEND RESERVOIR IN NEGREET BAYOU
504	10411 (TB6F)	TOLEDO BEND RESERVOIR IN SUNSHINE BAY NEAR FM 3121 BRIDGE
504	10402 (TB6H)	TOLEDO BEND RESERVOIR AT SH 21 NORTHEAST OF MILAM
504	15659 (TB6K)	TOLEDO BEND RESERVOIR IN LANANA BAYOU AT LOUISIANA SH 191 IN SABINE PARISH LOUISIANA WEST OF MANY
504	15655 (TB6J)	TOLEDO BEND RESERVOIR PATROON BAYOU BRANCH AT FM 276
504	18053 (TB6LN)	TOLEDO BEND RESERVOIR SAN MIGUEL ARM BOAT LANE
504	18052 (TB6R)	TOLEDO BEND RESERVOIR AT RAGTOWN
505	10415 (SR10)	SABINE RIVER AT FM 2517
505	13628 (SR11)	SABINE RIVER AT US 59
505	10427 (SR16)	SABINE RIVER AT SH 42
506	10428 (SR17)	SABINE RIVER AT US 271
506	10429 (SR19)	SABINE RIVER AT SH 14 S. OF HAWKINS
506	10430 (SR21)	SABINE RIVER AT US 69
514	10468 (BS1)	BIG SANDY CREEK AT SH 155
515	10469 (LF20)	LAKE FORK CREEK AT US 80
512	10458 (LF2)	LAKE FORK RESERVOIR NEAR DAM IN CREEK CHANNEL
512	10462 (LF4)	LAKE FORK RESERVOIR MID-COVE IN LAKE FORK CREEK ARM AT FM 515
512	10461 (LF3)	LAKE FORK RESERVOIR MID-ARM IN CANEY CREEK ARM AT FM 515
507	10434 (LT23A)	LAKE TAWAKONI IN THE MAIN LAKE NEAR THE DAM
507	21173 (LT23DN)	LAKE TAWAKONI IN WACO BAY EQUIDISTANT FROM FINGER AND SPRING POINTS 1.17KM BEARING 18.61 DEGREES FROM IRON BRIDGE PUMPING STATION
507	10437 (LT23B)	LAKE TAWAKONI AT SH 276

## Segment 0501 – Sabine River Tidal

**Description:** The designated segment includes the Sabine River from the confluence with Sabine Lake in Orange County to West Bluff in Orange County. Although some areas are quite rural, this part of the Sabine Basin has two cities with populations greater than 5,000 and a variety of industries.

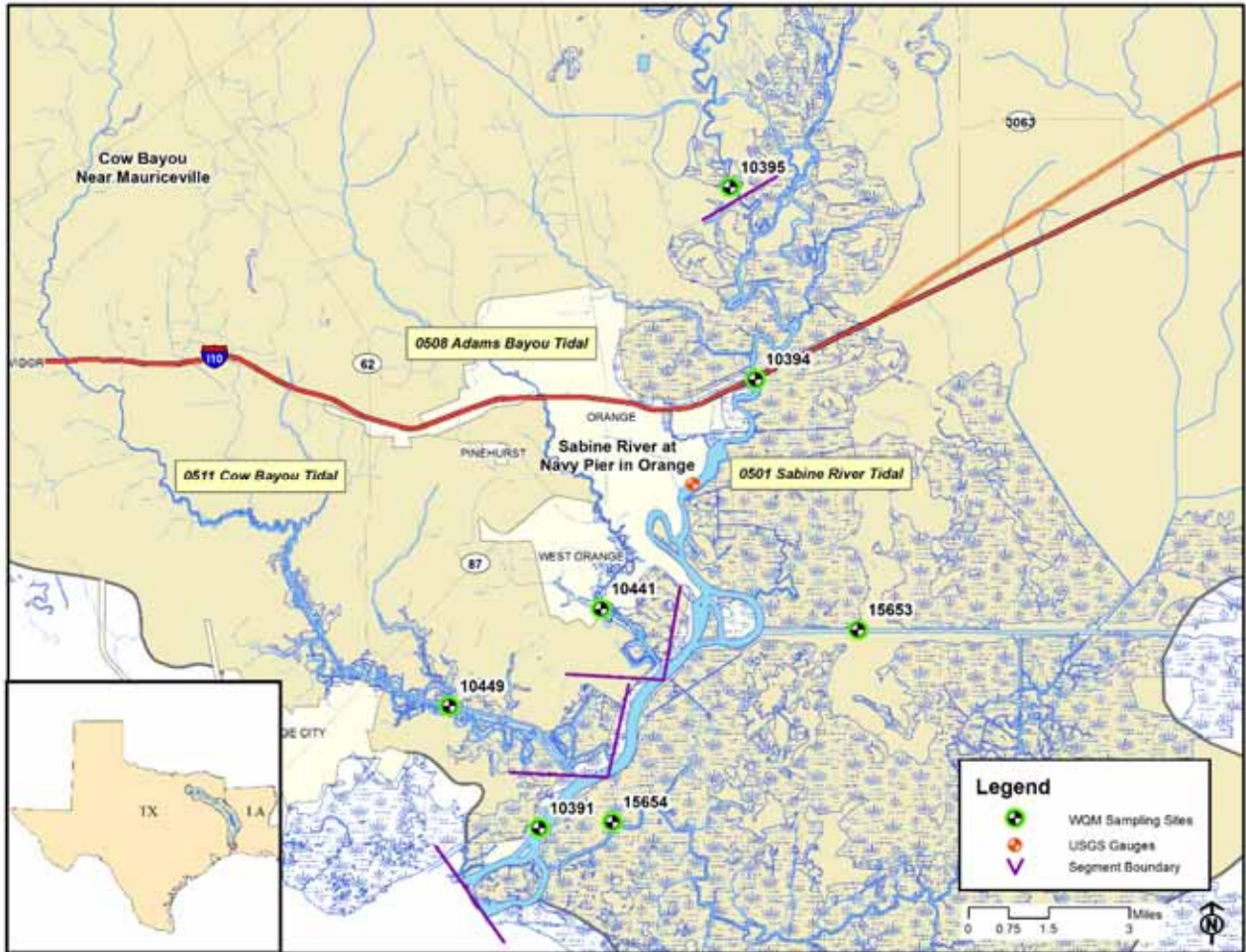
**Segment 0508 – Adams Bayou Tidal.** The segment reaches from the confluence with the Sabine River in Orange County to a point 1.1 kilometers (0.7 miles) upstream of IH-10 in Orange County.

**Segment 0511 – Cow Bayou Tidal.** The segment reaches from the confluence with the Sabine River in Orange County to a point 4.8 kilometers (3.0 miles) upstream of IH-10 in Orange County.

## Segment 0501 Water Quality

Date and Time	Station	Depth	Temp	pH	DO	% Sat	Cond	TDS	Salinity	Secchi	Turbidity	Enterococcus
		meters	°C	SU	mg/L		µS/cm	mg/L	ppt	meters	NTU	mpn/100mL
7/16/20 09:35	10391(SRT1)	0.3	30.8	7.2	6.2	83	736	471	0.4	0.50	22.0	10
		3.0	30.8	7.2	6.2	83	795	502	0.4			
		6.0	30.7	7.1	6.2	83	816	526	0.4			
		9.0	30.6	7.1	6.2	82	1,125	741	0.6			
		10.0	30.8	6.9	4.6	63	8,176	5,284	4.6			
7/16/20 09:20	15654(BB1)	0.3	30.9	7.4	6.4	86	841	537	0.4	0.41	24.7	84
		1.5	30.9	7.4	6.4	86	837	534	0.4			
		3.0	30.9	7.4	6.4	86	833	532	0.4			
<b>Segment 0511</b>												
7/16/20 08:58	10449(CB1)	0.3	31.0	7.1	5.2	70	281	180	0.1	0.47	20.2	20
		2.0	31.2	6.9	5.0	68	282	181	0.1			
		4.0	31.1	6.9	5.0	67	275	176	0.1			
<b>Segment 0508</b>												
7/16/20 09:52	10441(AB2)	0.3	31.3	7.0	4.3	58	238	152	0.1	0.47	20.1	148
		2.0	31.2	6.9	4.3	57	238	152	0.1			
		4.0	31.1	6.9	4.0	53	239	153	0.1			
7/16/20 10:33	15653(ICW1)	0.3	31.3	7.1	5.6	76	170	109	0.1	0.55	17.8	10
		3.0	31.2	7.0	5.6	75	170	109	0.1			
		6.0	31.2	6.9	5.5	74	170	109	0.1			
7/16/20 11:05	10394(SRT2)	0.3	31.3	7.1	6.1	83	157	101	0.1	0.42	20.6	52
		3.0	31.3	7.1	6.1	82	157	101	0.1			
		6.0	31.3	7.0	6.0	82	157	101	0.1			
		7.0	31.3	7.0	6.0	82	157	101	0.1			

# Segments 0501, 0508 & 0511



## Segment 0502 - Sabine River Above Tidal

**Description:** The designated segment includes the Sabine River from West Bluff in Orange County to the confluence with Caney Creek in Newton County. The largest tributary is Big Cow Creek (Segment 0513). This is largely a rural area with no major industries or cities.

**Segment 0513 – Big Cow Creek.** The segment reaches from the confluence with the Sabine River in Newton County to a point 4.6 kilometers (2.9 miles) upstream of CR 255 in Newton County.

### Segment 0502 USGS Recorded Flows

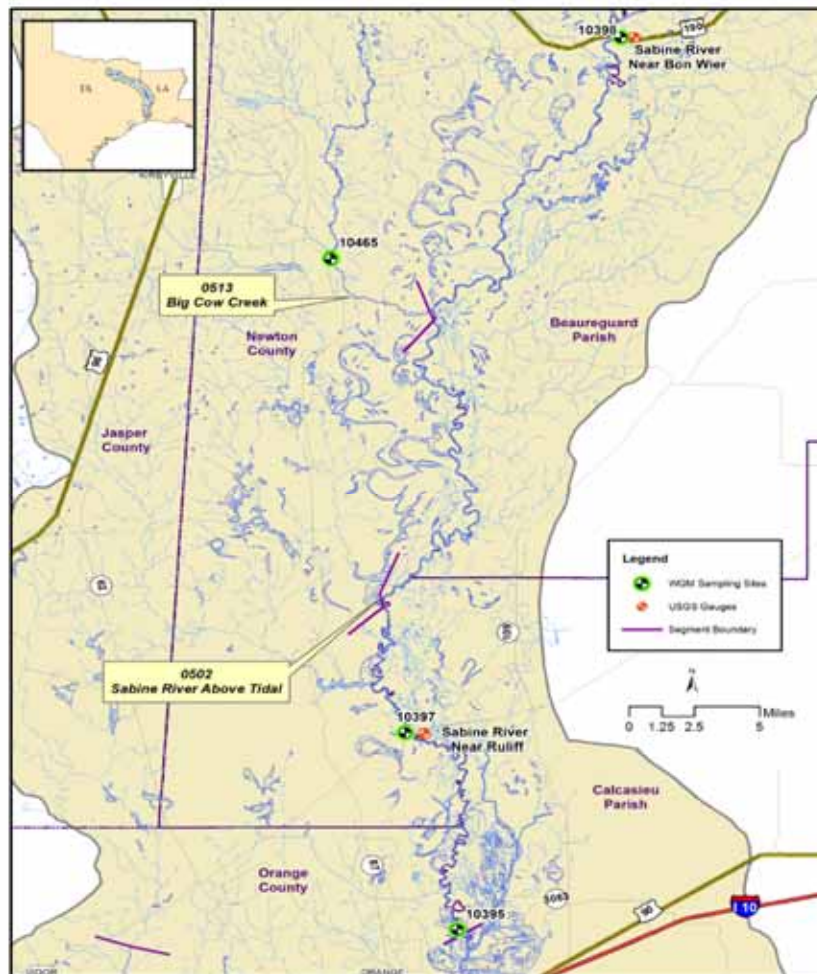
Date and Time	Station	USGS Station #	Location	Flow (cfs)
7/15/20 09:00	10397(SR2)	08030500	Sabine River near Ruliff, TX	7,280

### Segment 0502 Water Quality

Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	<i>E.coli</i> mpn/100mL
7/16/20 11:40	10395(SR1)	0.3	31.4	7.3	6.4	86	175	112	0.37	28.8	23
7/15/20 09:00	10397(SR2)	0.3	31.3	7.2	6.6	90	146	93	NM	21.2	11
<b>Segment 0513</b>											
7/15/20 09:48	10465(BCC1)	0.3	27.6	6.6	7.0	89	45	29	NM	16.3	50

NM = Not Measured

### Segments 0502 & 0513



## Segment 0503 - Sabine River Above Caney Creek

**Description:** The designated segment includes the Sabine River from a point immediately upstream of the confluence with Caney Creek in Newton County up to Toledo Bend Dam in Newton County. This is largely a rural area, including one major city with a population greater than 5,000 and few industries. Two major tributaries that flow from Louisiana include Bayou Anacoco and Bayou Toro.

### Segment 0503 USGS Recorded Flows

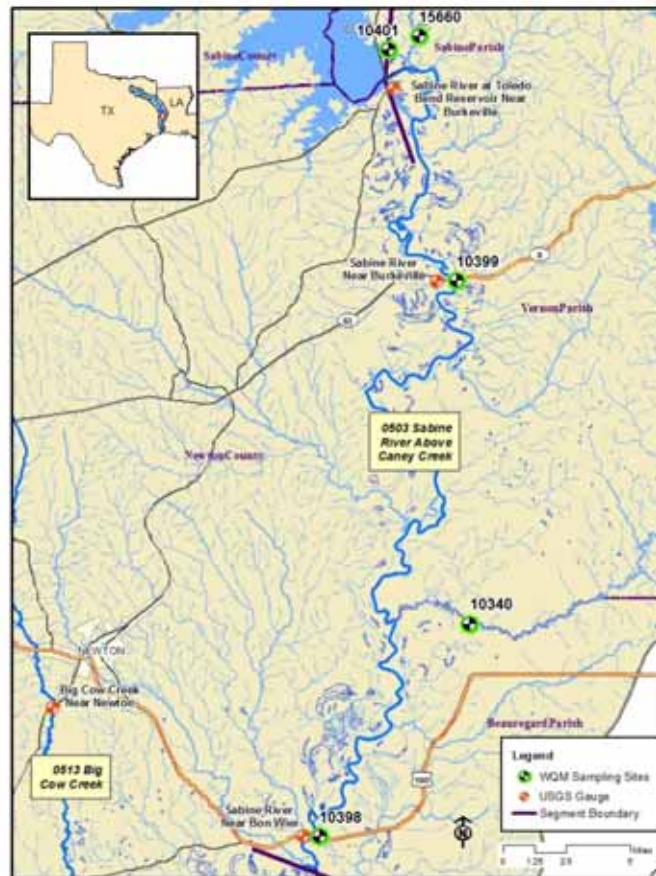
Date and Time	Station	USGS Station #	Location	Flow (cfs)
7/15/20 11:48	10398(SR3)	08028500	Sabine River near Bon Wier, TX	12,400
7/14/20 10:50	10399(SR5)	08026000	Sabine River near Burkeville, TX	12,900

### Segment 0503 Water Quality

Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond μS/cm	TDS mg/L	Secchi meters	Turbidity NTU	<i>E.coli</i> mpn/100mL
7/15/20 11:48	10398(SR3)	0.3	30.2	7.4	7.0	92	142	91	NM	14.5	10
7/15/20 11:23	10340(BA4)	0.3	30.7	7.4	6.6	89	348	222	NM	26.0	4
7/14/20 10:50	10399(SR5)	0.3	28.9	7.2	5.7	74	140	90	NM	2.82	3
7/13/20 12:10	10401(TB6S)	0.3	30.2	7.2	8.0	106	112	72	>1.2	2.77	21
7/13/20 11:48	15660(BT1)	0.3	24.0	7.4	7.4	88	70	45	0.32	32.3	37

NM = Not Measured

### Segment 0503





## Segment 0504 – Toledo Bend Reservoir

**Description:** The designated segment includes the Sabine River from Toledo Bend Dam in Newton County to a point immediately upstream of the confluence of Murvaul Creek in Panola County. Although this area is largely rural, it includes two cities with populations greater than 5,000. Murvaul Creek is a major tributary that enters upstream of the reservoir.

### Segment 0504 Water Quality

Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	<i>E.coli</i> mpn/100mL
7/14/20 14:50	10404(TB6A)	0.3	33.0	7.5	8.7	121	109	71	1.8	1.76	<1
		1.0	32.0	7.3	9.0	122	109	71			
		2.0	31.8	7.1	8.9	121	108	70			
		3.0	30.3	6.2	8.3	108	109	71			
		4.0	28.7	6.2	7.7	96	109	71			
		5.0	28.2	6.3	5.8	73	109	71			
		8.0	26.5	6.3	0.9	9	109	71			
		11.0	23.0	6.4	0.2	3	111	71			
		14.0	19.7	6.4	0.2	2	116	74			
		17.0	18.0	6.5	0.2	2	120	77			
		20.0	17.3	6.5	0.2	2	122	78			
		23.0	16.6	6.1	0.2	2	122	78			
		25.0	15.8	6.3	0.2	2	122	78			
7/14/20 08:34	10406(TB6C)	0.3	31.7	8.2	8.3	113	107	69	1.3	2.84	<1
		1.0	31.7	8.0	8.3	113	107	69			
		2.0	31.0	7.8	8.1	108	107	69			
		3.0	28.7	7.2	4.6	58	108	69			
		4.0	28.1	6.3	1.5	19	108	69			
7/14/20 13:40	18054(TB6Q)	0.3	24.6	8.1	12.0	140	128	79	1.3	3.16	<1
		1.0	24.7	7.8	10.8	134	120	77			
		2.0	24.7	7.4	11.3	143	121	78			
		3.0	27.1	6.9	10.5	133	122	79			
		4.0	26.5	6.8	10.6	132	120	79			
		5.0	26.1	6.5	10.9	130	124	83			
		6.0	24.3	5.8	9.9	113	124	83			
		7.0	22.6	5.0	3.0	32	122	84			
		8.0	19.3	5.0	0.4	3	128	82			

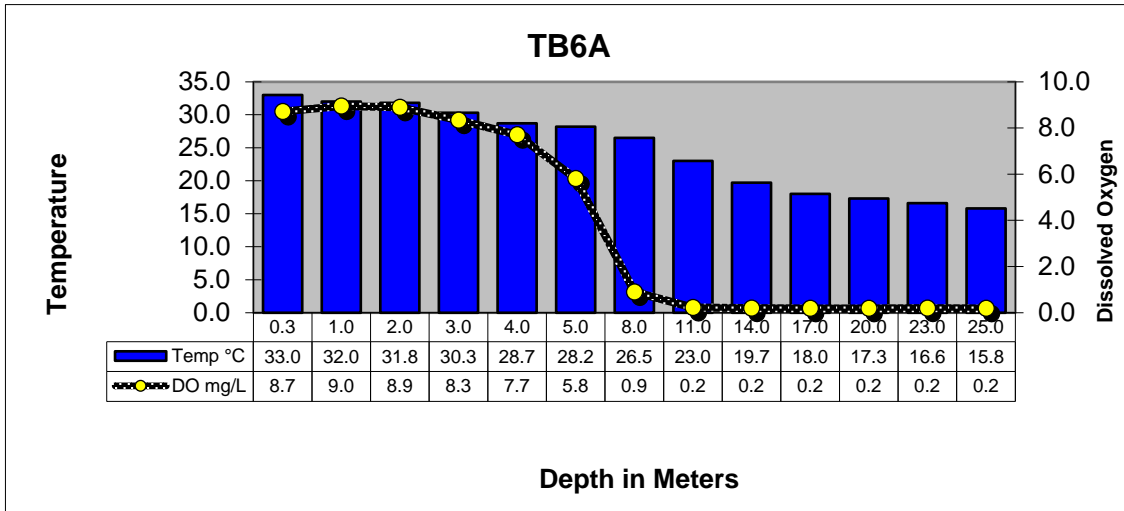
## Segment 0504 Water Quality Continued

Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	<i>E.coli</i> mpn/100mL
7/13/20 10:20	10411(TB6F)	0.3	32.7	7.8	9.5	131	96	61	0.71	3.80	1
		1.0	32.6	7.2	9.5	131	95	61			
		2.0	30.6	6.7	9.3	124	98	63			
		3.0	29.2	6.1	5.8	74	99	63			
		4.0	28.4	5.4	1.5	23	101	65			
		5.0	27.7	5.1	0.3	3	111	71			
7/14/20 11:35	10402(TB6H)	0.3	31.8	8.1	8.3	114	104	66	1.2	2.64	1
		1.0	31.6	7.8	8.4	113	103	66			
		2.0	31.3	7.4	8.2	109	103	66			
		3.0	29.4	6.3	6.0	77	103	66			
		4.0	29.0	5.8	5.3	67	103	66			
		5.0	28.9	5.4	4.2	53	104	67			
		8.0	28.1	4.9	2.7	33	105	67			
		11.0	27.6	4.5	0.7	8	107	68			
		14.0	22.6	4.6	0.2	2	133	85			
7/13/20 10:53	15659(TB6K)	0.3	33.3	8.1	10.7	150	102	66	0.73	3.91	<1
		1.0	33.2	8.0	10.7	150	102	66			
		2.0	31.6	7.1	8.3	113	99	63			
		3.0	31.0	6.9	5.9	75	95	61			
		4.0	30.0	6.3	3.9	49	83	54			
		5.0	28.8	6.1	0.8	8	79	51			
		6.0	28.1	5.5	0.2	3	77	50			
		7.0	27.8	5.3	0.2	2	77	50			
		8.0	27.3	5.6	0.2	2	83	53			
7/13/20 09:45	15655(TB6J)	0.3	32.9	8.4	10.1	141	105	67	0.64	4.54	2
		1.0	32.7	8.4	10.5	145	104	67			
		2.0	31.7	8.1	9.8	129	100	64			
		3.0	29.5	6.8	4.1	47	89	56			
		4.0	28.1	5.8	1.0	14	80	51			

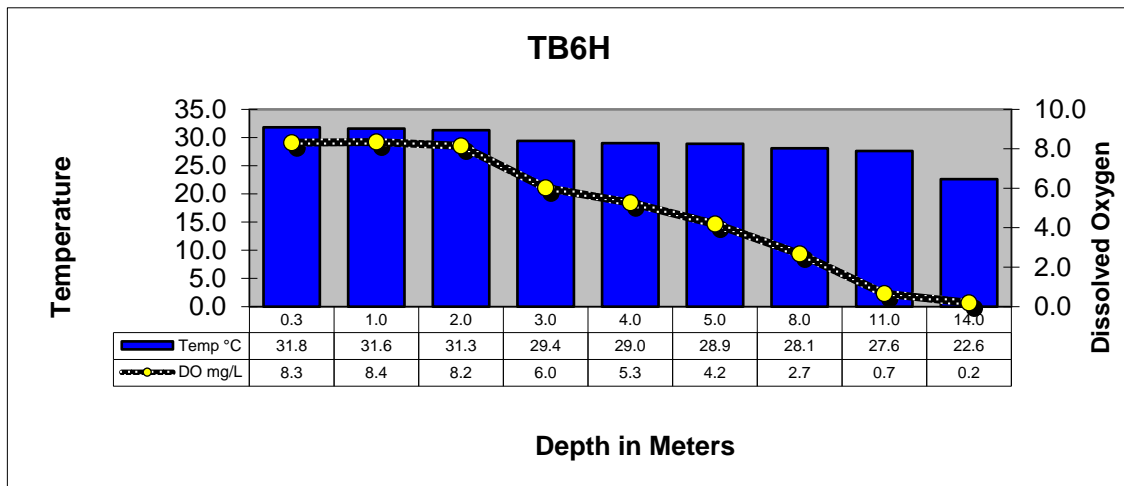
### Segment 0504 Water Quality Continued

Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	<i>E.coli</i> mpn/100mL
7/14/20 12:45	18053(TB6LN)	0.3	32.4	8.1	9.6	133	93	59	0.70	5.50	1
		1.0	32.3	7.8	9.6	132	92	59			
		2.0	31.8	7.5	9.5	128	92	58			
		3.0	31.3	7.1	8.1	108	92	59			
		4.0	30.8	6.3	6.4	84	88	56			
		5.0	30.0	5.7	1.6	20	76	48			
		6.0	29.4	5.0	0.3	3	74	47			
7/14/20 10:06	18052(TB6R)	0.3	31.8	8.7	8.8	121	117	74	0.84	4.87	1
		1.0	31.7	8.6	8.8	120	117	74			
		2.0	31.2	8.1	7.6	101	116	74			
		3.0	30.4	7.4	5.2	67	114	73			
		4.0	29.6	6.9	3.7	47	114	73			
		5.0	29.3	6.5	3.0	38	114	73			
		6.0	29.1	6.2	2.4	31	115	74			
		7.0	29.1	6.0	2.4	31	115	74			
		8.0	28.8	5.9	1.9	23	115	74			
		9.0	28.1	5.9	1.2	15	106	68			
		10.0	27.7	5.9	0.8	10	99	63			
		11.0	27.3	5.6	0.5	6	94	60			
		12.0	27.3	5.6	0.4	4	93	60			
		13.0	27.3	5.6	0.3	3	93	60			
		14.0	27.3	5.5	0.3	3	93	60			
		15.0	27.2	5.4	0.2	3	92	59			

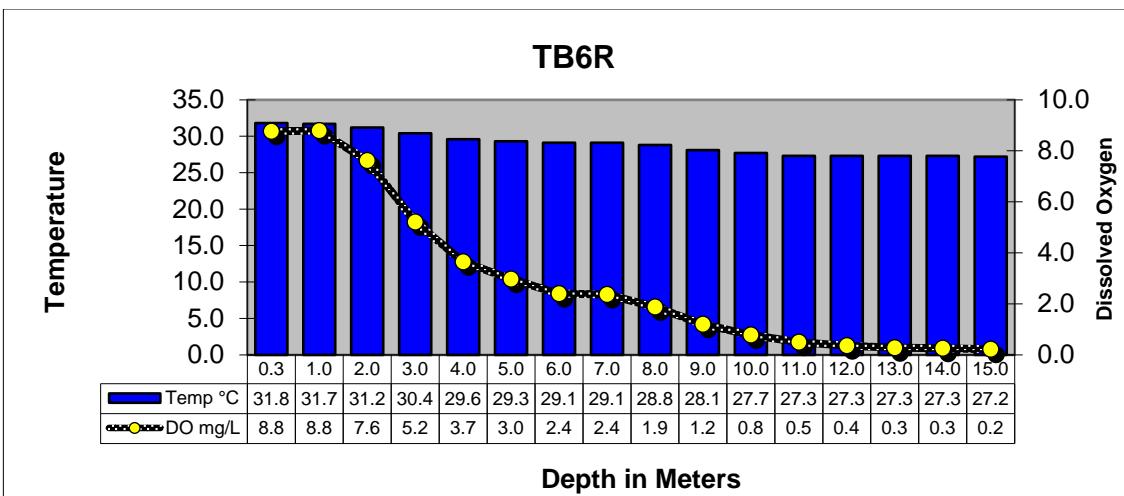
### Toledo Bend Reservoir Profiles



TOLEDO BEND RESERVOIR MAIN LAKE ABOVE THE DAM AT THE OLD RIVER CHANNEL

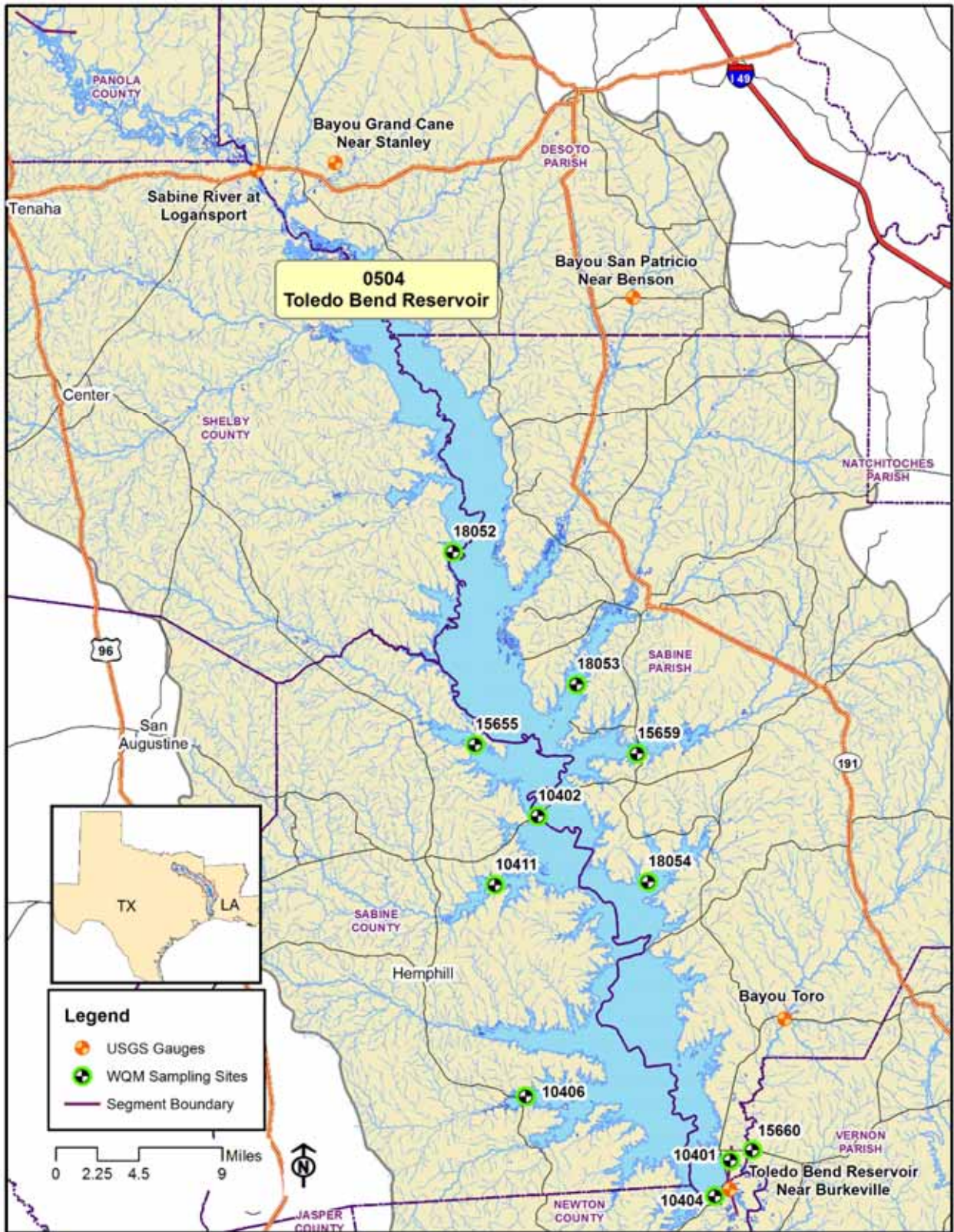


TOLEDO BEND RESERVOIR AT SH 21 NORTHEAST OF MILAM



TOLEDO BEND RESERVOIR AT RAGTOWN

# Segment 0504



## Segment 0505 - Sabine River Above Toledo Bend Reservoir

**Description:** The designated segment includes the Sabine River from a point immediately upstream of the confluence of Murvaul Creek in Panola County to a point 100 meters (110 yards) downstream of US 271 in Gregg County. Segment 0505 is used extensively for water supply and contains the highest concentration of population in the Sabine Basin with eight cities having populations greater than 5,000. Segment 0505 includes a large section of the East Texas Oilfield as well as numerous industries.

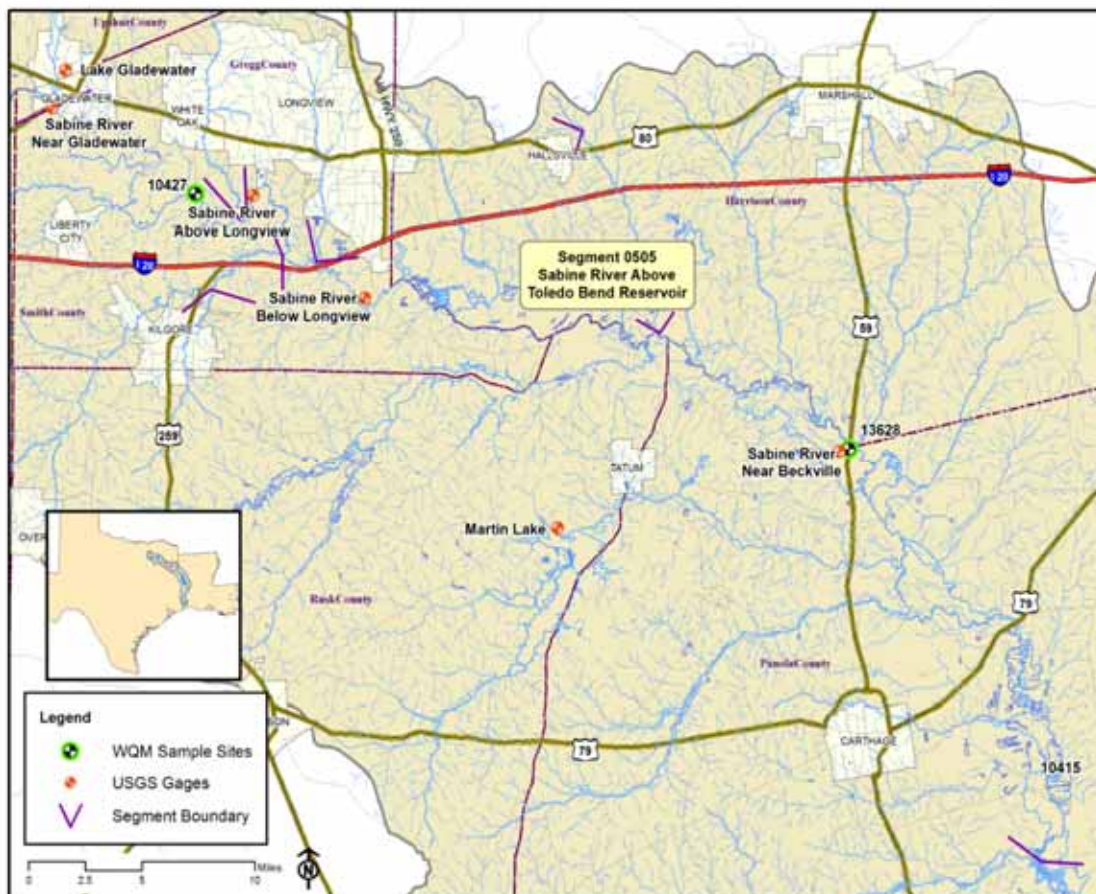
## Segment 0505 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
7/15/2020 09:35	13628(SR11)	08022040	Sabine River near Beckville, TX	723

## Segment 0505 Water Quality

Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	<i>E. coli</i> mpn/100mL
7/15/2020 10:07	10415(SR10)	0.3	31.2	7.2	6.8	92	196	125	0.11	62.6	5
7/15/2020 09:35	13628(SR11)	0.3	28.8	7.2	7.0	91	245	157	0.11	51.5	19
7/15/2020 08:18	10427(SR16)	0.3	30.8	7.1	5.9	80	285	182	0.11	61.9	9

## Segment 0505



## Segment 0506 - Sabine River Below Lake Tawakoni

**Description:** The designated segment includes the Sabine River from a point 100 meters (110 yards) downstream of US 271 in Gregg County to Iron Bridge Dam in Rains County. This is largely a rural area with no cities having a population greater than 5,000. Oilfield activities, rural housing developments, and agriculture are in the watershed. The major tributaries include:

**Segment 0514 - Big Sandy Creek.** The segment reaches from the confluence with the Sabine River in Upshur County to a point 2.6 kilometers (1.6 miles) upstream of SH 11 in Hopkins County.

**Segment 0515 - Lake Fork Creek.** The segment reaches from the confluence with the Sabine River in Wood County to Lake Fork Dam in Wood County.

**Segment 0512 - Lake Fork Reservoir.** The segment reaches from Lake Fork Dam in Wood County up to the normal pool elevation of 403 feet.

## Segment 0506 USGS- Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
7/15/2020 07:50	10428(SR17)	08020000	Sabine River near Gladewater, TX	262
7/15/2020 06:40	10429(SR19)	08019200	Sabine River near Hawkins, TX	124
7/14/2020 13:13	10430(SR21)	08018500	Sabine River near Mineola, TX	30
<b>Segment 0514</b>				
7/15/2020 07:12	10468(BS1)	08019500	Big Sandy Creek near Big Sandy, TX	36

## Segment 0506 Water Quality

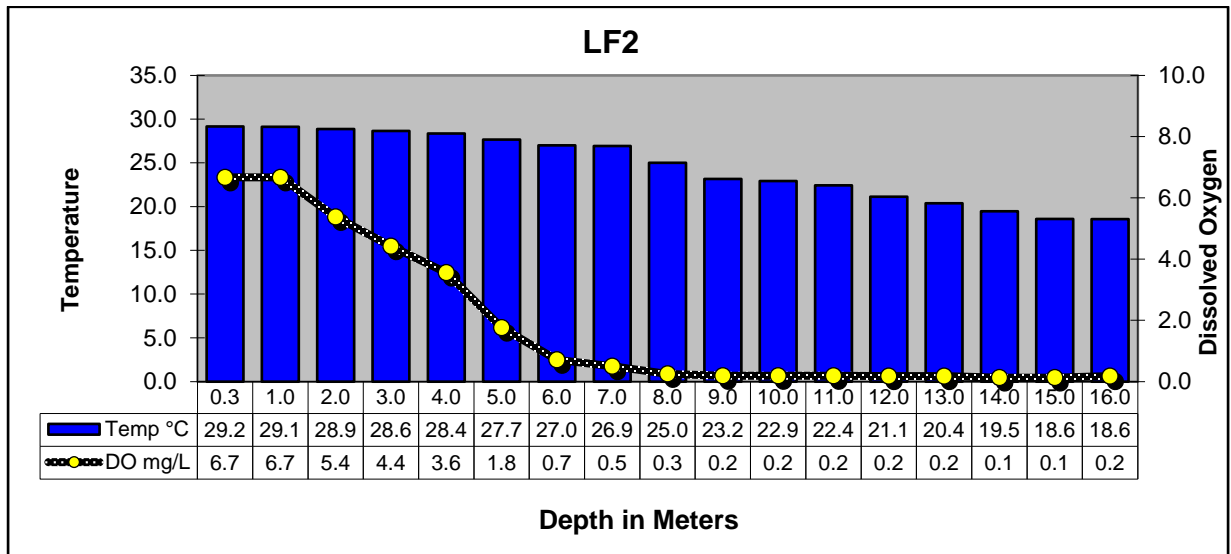
Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	<i>E. coli</i> mpn/100mL
7/15/2020 07:50	10428(SR17)	0.3	27.0	7.2	7.4	90	333	198	0.12	69.7	13
7/15/2020 06:40	10429(SR19)	0.3	30.2	7.2	6.4	85	289	185	0.10	55.0	31
7/14/2020 13:13	10430(SR21)	0.3	30.8	7.4	4.9	66	425	273	0.09	62.4	31
<b>Segment 0514</b>											
7/15/2020 07:12	10468(BS1)	0.3	28.4	7.1	5.9	76	132	84	0.81	12.4	34
<b>Segment 0515</b>											
7/14/2020 15:55	10469(LF20)	0.3	30.8	7.4	7.0	95	175	112	0.13	39.3	35

## Segment 0506 Water Quality Continued

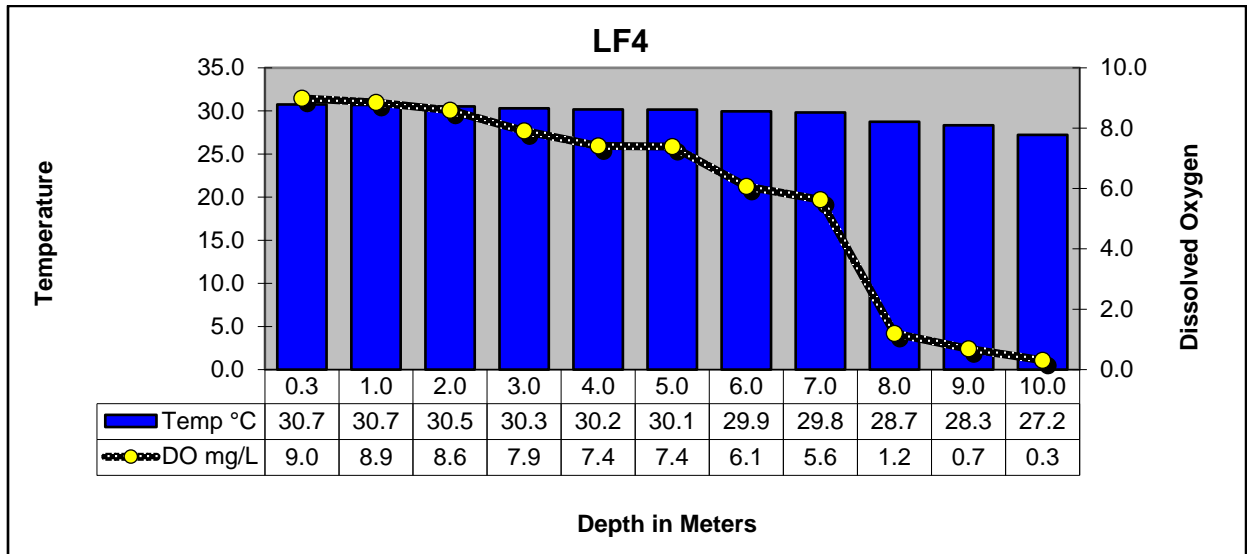
Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	<i>E. coli</i> mpn/100mL
Segment 0512											
7/14/2020 12:15	10458(LF2)	0.3	29.2	7.6	6.7	88	137	88	1.3	3.08	<1
		1.0	29.1	7.5	6.7	88	137	88			
		2.0	28.9	7.3	5.4	70	137	88			
		3.0	28.6	7.2	4.4	56	137	88			
		4.0	28.4	7.0	3.6	45	137	88			
		5.0	27.7	6.9	1.8	22	137	88			
		6.0	27.0	6.7	0.7	9	137	88			
		7.0	26.9	6.7	0.5	6	137	88			
		8.0	25.0	6.6	0.3	3	137	88			
		9.0	23.2	6.6	0.2	2	138	89			
		10.0	22.9	6.6	0.2	2	139	89			
		11.0	22.4	6.6	0.2	2	141	90			
		12.0	21.1	6.6	0.2	2	143	90			
		13.0	20.4	6.6	0.2	2	147	92			
		14.0	19.5	6.7	0.1	1	152	94			
		15.0	18.6	6.7	0.1	1	166	97			
		16.0	18.6	6.8	0.2	1	166	97			
7/14/2020 13:40	10462(LF4)	0.3	30.7	8.8	9.0	122	144	92	0.43	5.92	<1
		1.0	30.7	8.8	8.9	119	144	92			
		2.0	30.5	8.7	8.6	116	144	92			
		3.0	30.3	8.5	7.9	105	144	92			
		4.0	30.2	8.3	7.4	99	144	92			
		5.0	30.1	8.2	7.4	99	144	92			
		6.0	29.9	7.8	6.1	82	144	92			
		7.0	29.8	7.5	5.6	74	144	92			
		8.0	28.7	7.1	1.2	15	147	94			
		9.0	28.3	6.9	0.7	9	147	94			
		10.0	27.2	6.8	0.3	4	150	96			
7/14/2020 13:10	10461(LF3)	0.3	31.0	8.7	8.9	121	140	90	0.50	6.01	2
		1.0	31.0	8.7	8.7	118	141	90			
		2.0	30.9	8.7	8.6	117	140	90			
		3.0	30.9	8.6	8.4	115	140	90			
		4.0	30.7	8.4	7.7	102	140	90			
		5.0	30.6	8.2	7.4	100	140	90			
		6.0	30.3	7.9	6.5	87	140	90			
		7.0	29.9	7.3	0.9	12	145	93			
		8.0	28.4	7.0	0.2	2	154	99			
		9.0	27.2	6.9	0.2	2	163	104			



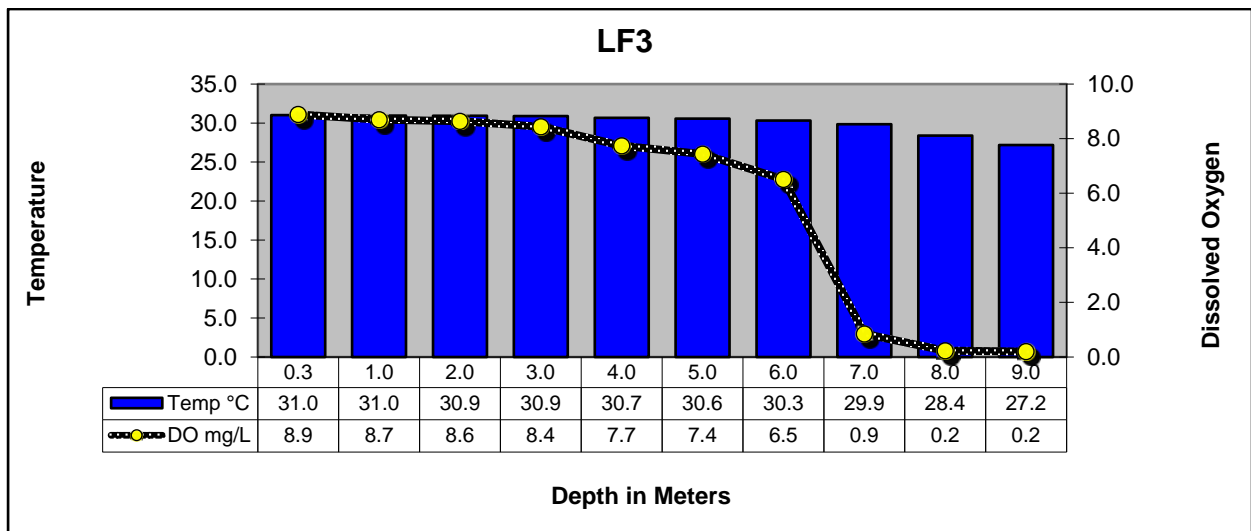
## Lake Fork Reservoir Profiles



LAKE FORK RESERVOIR NEAR DAM IN CREEK CHANNEL

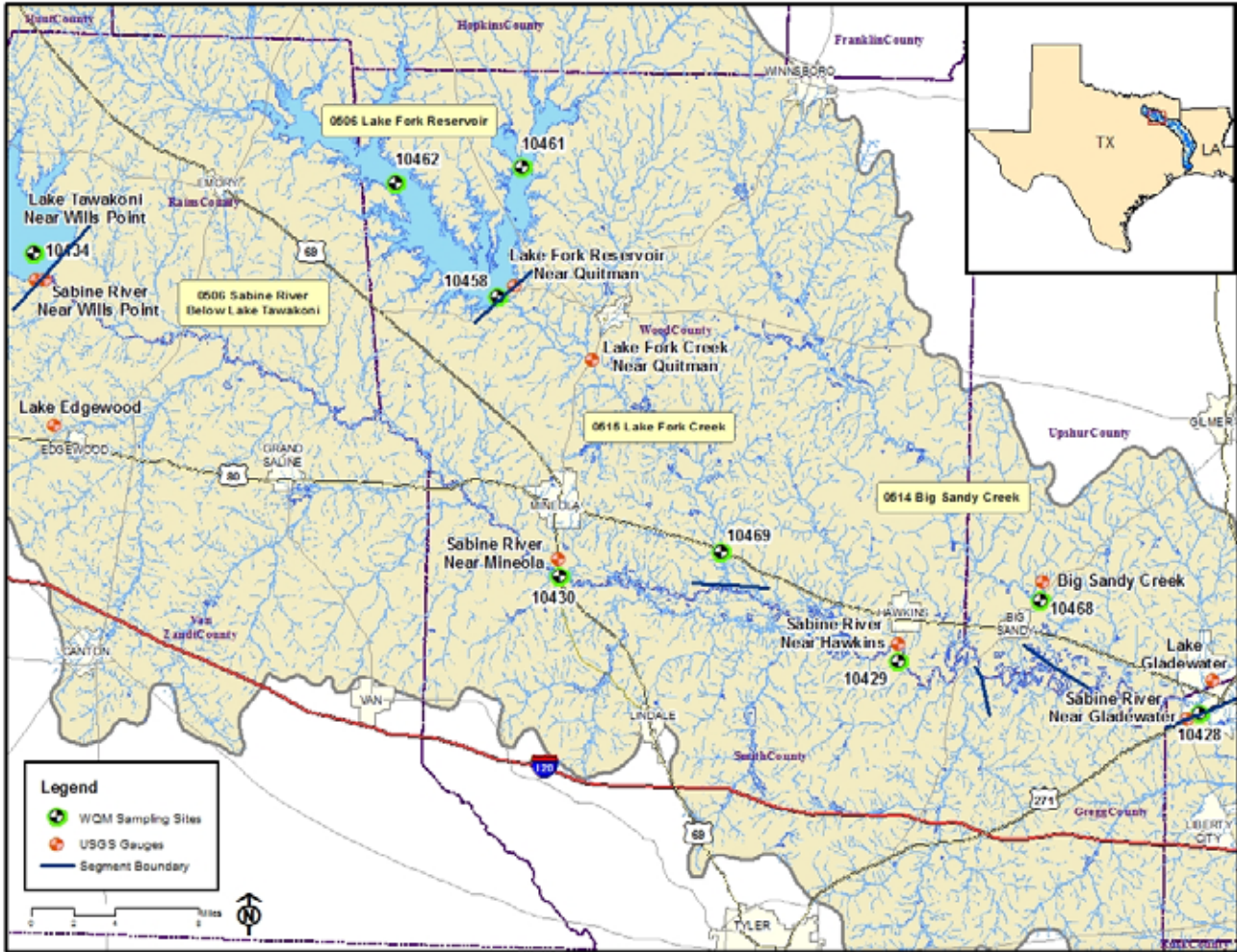


LAKE FORK RESERVOIR MID-COVE IN LAKE FORK CREEK ARM AT FM515



LAKE FORK RESERVOIR MID-ARM IN CANEY CREEK ARM AT FM515

Segments 0506, 0512, 0514 & 0515



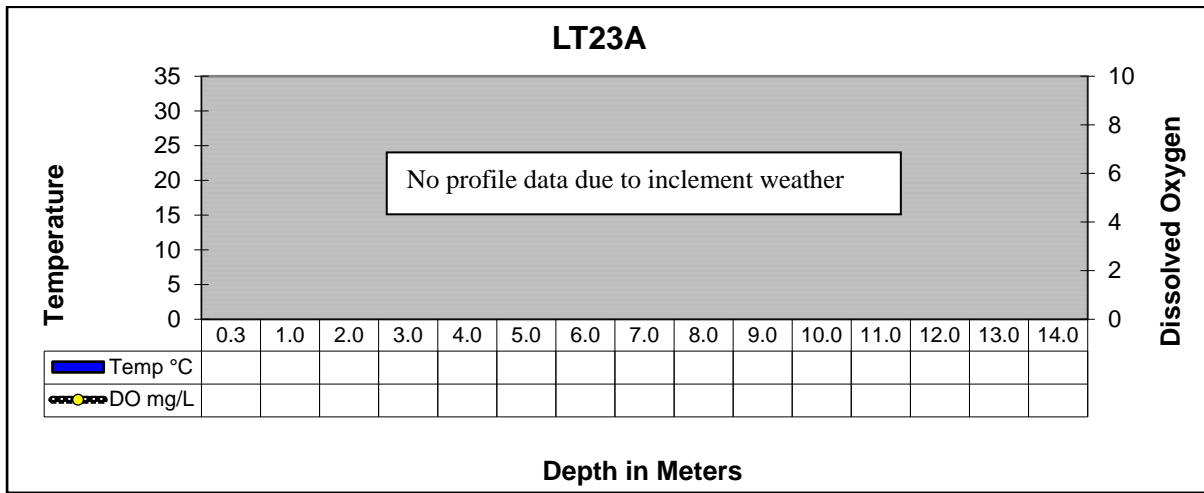
## Segment 0507 - Lake Tawakoni

**Description:** The designated segment includes the impounded Sabine River from Iron Bridge Dam in Rains County up to the normal pool elevation of 437.5 feet. Although much of this segment is rural, it contains two cities with populations greater than 5,000 and one of the four largest cities in the Sabine Basin.

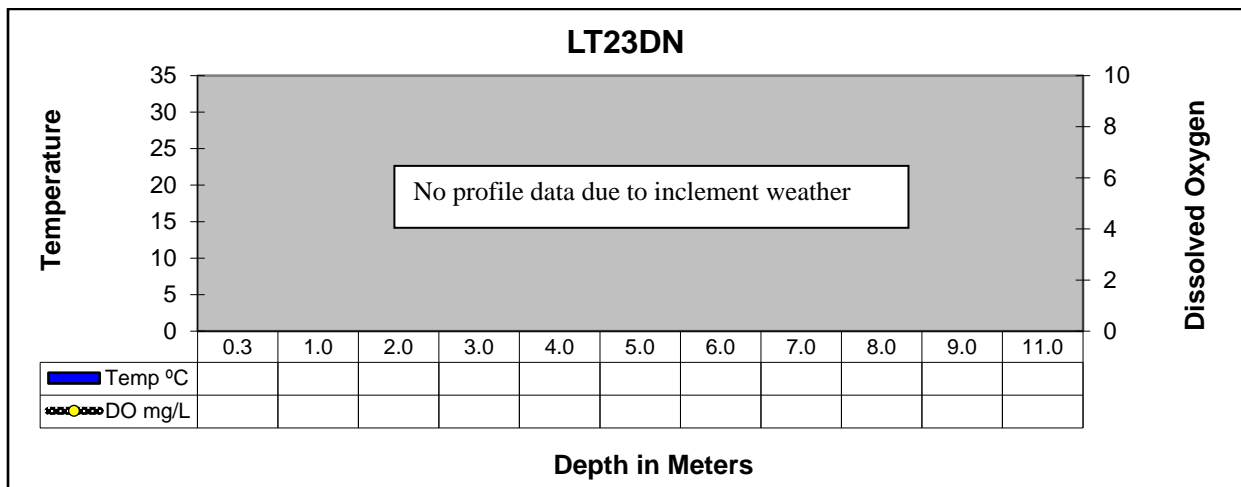
### Segment 0507 Water Quality

Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	<i>E. coli</i> mpn/100mL
7/14/2020 10:35	10434(LT23A)	0.3	28.7	8.5	7.2	94	184	118	0.66	4.28	<1
		1.0									
		2.0									
		3.0									
		4.0									
		5.0									
		6.0	No profile data due to inclement weather								
		7.0									
		8.0									
		9.0									
		10.0									
		11.0									
		12.0									
		13.0									
		14.0									
		15.0									
7/14/2020 10:07	21173(LT23DN)	0.3	29.3	8.1	4.6	61	184	118	0.37	11.5	<1
		1.0									
		2.0									
		3.0									
		4.0									
		5.0	No profile data due to inclement weather								
		6.0									
		7.0									
		8.0									
		9.0									
		10.0									
		11.0									
7/14/2020 09:35	10437(LT23B)	0.3	30.1	8.8	8.3	110	178	114	0.32	9.01	<1
		1.0									
		2.0									
		3.0									
		4.0									
		5.0	No profile data due to inclement weather								
		6.0									
		7.0									
		8.0									
		9.0									

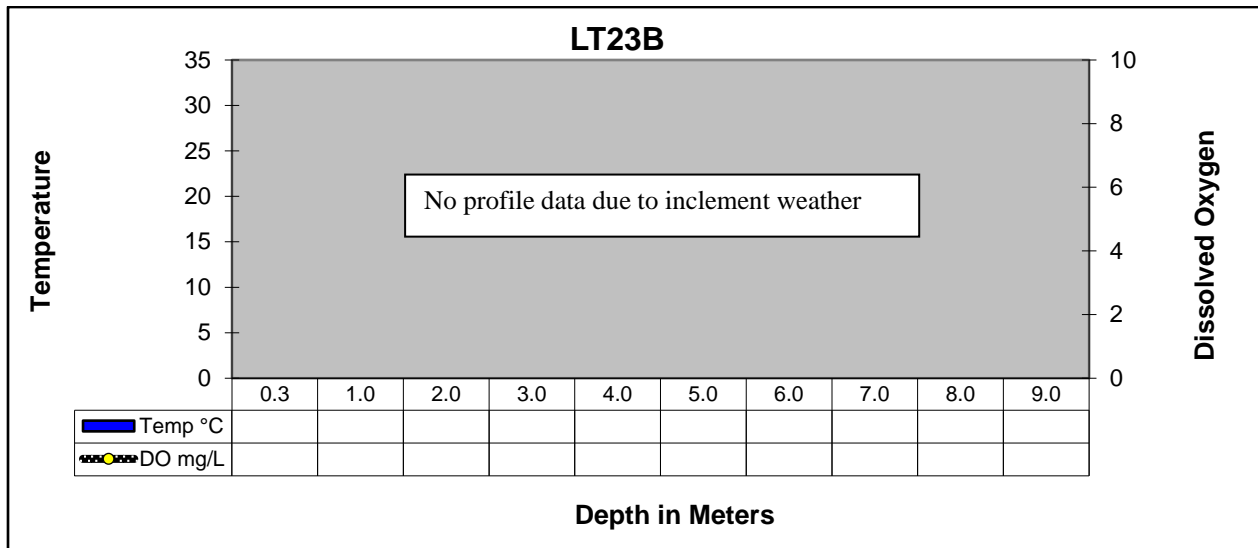
## Lake Tawakoni Reservoir Profiles



LAKE TAWAKONI IN THE MAIN LAKE NEAR THE DAM



LAKE TAWAKONI IN WACO BAY EQUIDISTANT FROM FINGER AND SPRING POINTS



LAKE TAWAKONI AT SH276

# Segment 0507

