SABINE RIVER AUTHORITY OF TEXAS

TO: INTERESTED PARTIES

FROM: ENVIRONMENTAL SERVICES DIVISION

RE: SEPTEMBER 2025 MONTHLY WATER QUALITY REPORT

The Environmental Services Field Offices conducted water quality monitoring in the Sabine Basin from September 22nd through the 25th. The results of field monitoring are presented in this report[1] 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 warm with highs in the low 80s to low 90s. Low temperatures were in the upper 60s to mid 70s. The tidal stations received 2.69 inches of rainfall in the seven days prior to the sampling event.
Tidal Conditions – Surface salinity values were greater than 1 ppt at four of the seven tidal stations. The highest salinity value of 7.4 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 – Air temperatures in the lower basin were hot with highs in the low 90s to mid 90s. Low temperatures were in the upper 60s to low 70s. Toledo Bend received 0.13 inches of rainfall during the seven days prior to the sampling event.
Lake Level - The level of Toledo Bend was 167.98 feet msl with a release of 230 cfs on the day of sampling. Toledo Bend has a conservation pool level of 172 feet msl. Reservoir profiles indicate a stratified 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 warm with highs in the upper 80s to low 90s. Low temperatures were in the upper 60s to mid 70s. Lake Fork and Lake Tawakoni received no rainfall during the seven days prior to the sampling event.
Lake Level - The level of Lake Tawakoni was 436.74 feet msl with a release of 6 cfs on the day of sampling. The level of Lake Fork was 401.71 feet msl with a release of 50 cfs 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 and Lake Tawakoni indicated a mixed water column with some stratification at lower depths.

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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[1] 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

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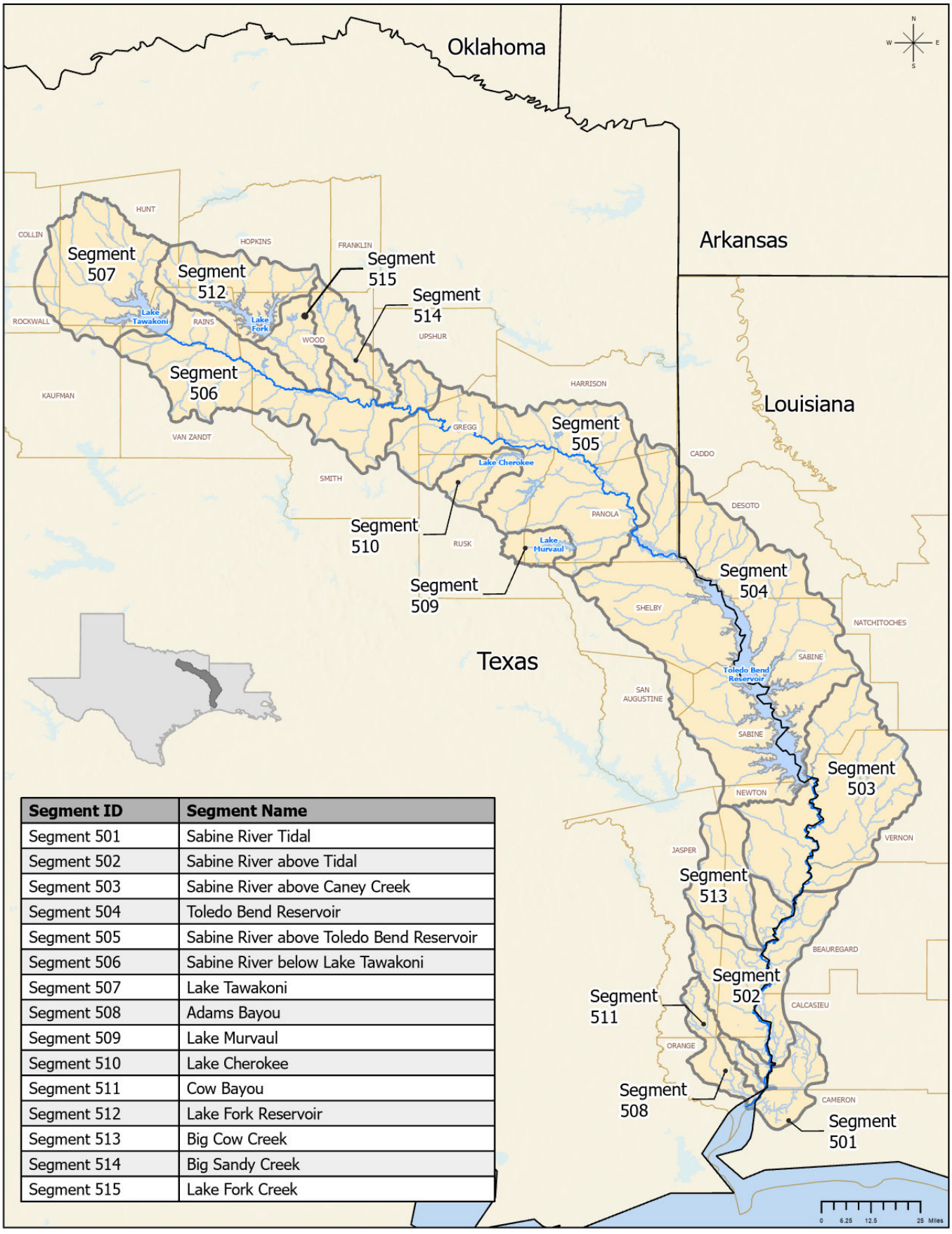
Sabine Basin Map



Segment ID	Segment Name
Segment 501	Sabine River Tidal
Segment 502	Sabine River above Tidal
Segment 503	Sabine River above Caney Creek
Segment 504	Toledo Bend Reservoir
Segment 505	Sabine River above Toledo Bend Reservoir
Segment 506	Sabine River below Lake Tawakoni
Segment 507	Lake Tawakoni
Segment 508	Adams Bayou
Segment 509	Lake Murvaul
Segment 510	Lake Cherokee
Segment 511	Cow Bayou
Segment 512	Lake Fork Reservoir
Segment 513	Big Cow Creek
Segment 514	Big Sandy Creek
Segment 515	Lake Fork Creek

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 ROUNDBUNCH 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
501	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
505	10423 (SR14)	SABINE RIVER AT SH 149 SOUTH OF LONGVIEW TX
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 Morgans 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.

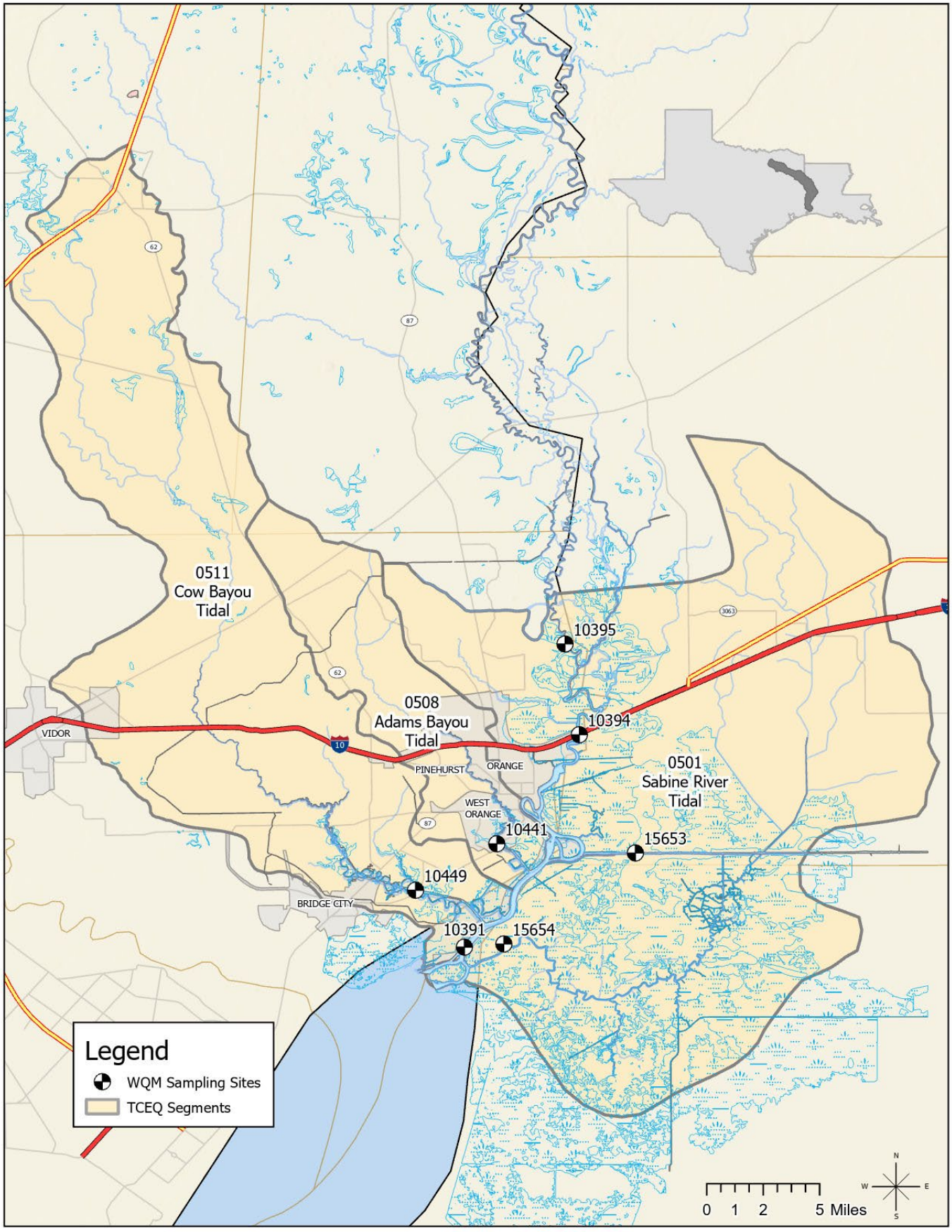
Segment 0508 – Adams Bayou Tidal The segment reaches from the confluence with the Sabine River in Orange County to a point 1.1 kilometers (0.7 miles) upstream of IH-10 in Orange County.

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* *meters*	*Temp* *°C*	*pH* *SU*	*DO* *mg/L*	*% Sat*	*Cond* *µS/cm*	*TDS* *mg/L*	*Salinity* *ppt*	*Secchi* *meters*	*Turbidity* *NTU*	*Enterococcus* *mpn/ 100mL*
9/25/25 09:38	10391 (SRT1)	0.3	28.8	7.2	5.6	74	6,000	3,870	3.3	0.72	6.55	109
		2.5	29.1	7.2	5.3	70	6,620	4,240	3.7			
		5.0	29.2	7.2	5.2	69	7,280	4,660	4.1			
		7.5	28.9	7.3	5.5	73	9,600	6,140	5.4			
		10.0	28.7	7.3	5.6	76	13,000	8,300	7.4			
9/25/25 09:16	15654 (BB1)	0.3	28.2	7.0	4.5	59	7,230	4,630	4.0	0.52	11.2	520
		1.5	28.2	7.0	4.5	59	7,230	4,630	4.0			
		3.0	28.2	7.0	4.5	60	7,260	4,650	4.0			
Segment 0511												
9/25/25 08:48	10449 (CB1)	0.3	28.6	7.1	5.1	66	2,750	1,760	1.5	0.56	8.68	241
		2.5	28.8	7.1	4.7	62	3,020	1,930	1.6			
		5.0	29.1	7.0	3.7	50	6,000	3,840	3.3			
Segment 0508												
9/25/25 09:57	10441 (AB2)	0.3	28.2	7.1	2.0	26	836	533	0.4	0.53	9.99	364
		2.0	29.1	7.0	3.0	39	3,190	2,020	1.7			
		4.0	29.3	6.9	3.4	46	4,460	2,860	2.4			
9/25/25 10:15	15653 (ICW1)	0.3	29.3	7.1	5.6	74	5,120	3,270	2.8	0.44	25.3	122
		3.0	29.3	7.1	5.6	74	5,110	3,280	2.8			
		6.0	29.1	7.2	5.5	73	5,160	3,300	2.8			
9/25/25 11:15	10394 (SRT2)	0.3	29.4	7.0	4.6	62	345	221	0.2	0.39	14.1	10
		3.0	28.9	7.0	3.8	49	442	283	0.2			
		6.0	28.6	7.0	2.1	27	1,440	950	0.8			
		9.0	29.5	6.6	0.6	7	7,130	4,560	4.0			
9/25/25 11:46	10395 (SR1)	0.3	29.1	7.2	5.7	75	207	133	<0.1	0.31	28.7	41

Segments 0501, 0508 & 0511



Segment 0502 - Sabine River Above Tidal

Description: The designated segment includes the Sabine River from Morgans 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)
9/24/25 07:51	10397 (SR2)	08030500	Sabine River near Ruliff, TX	999

Segments 0502 and 0513 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	*E.coli* mpn/100mL
9/24/25 07:51	10397 (SR2)	0.3	28.1	7.4	6.2	79	238	152	0.29	28.8	14
Segment 0513											
9/24/25 08:51	10465 (BCC1)	0.3	25.6	6.8	7.2	88	37	24	0.83	11.1	62

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.

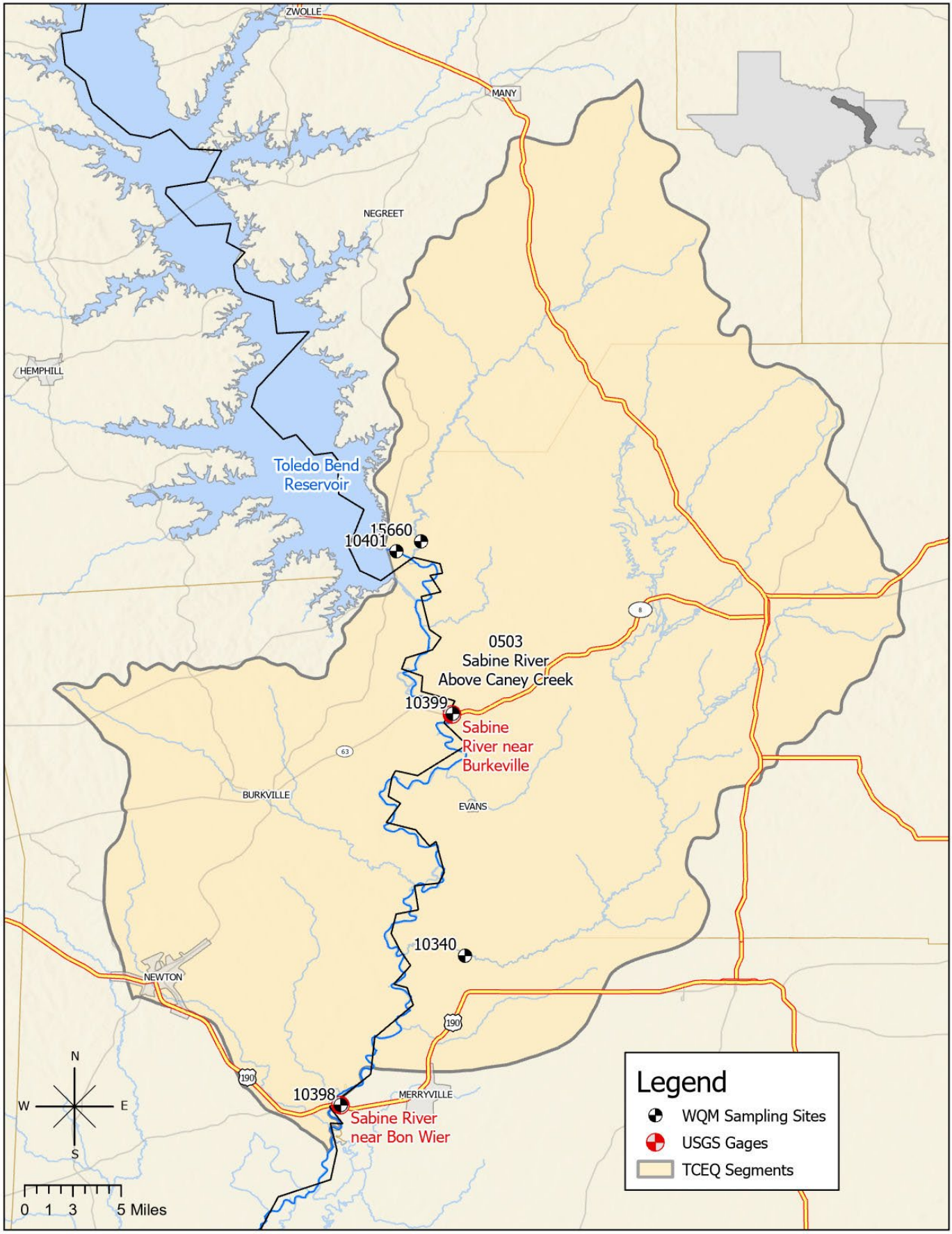
Segment 0503 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
9/24/25 10:58	10398(SR3)	08028500	Sabine River near Bon Wier, TX	571
9/24/25 09:53	10399(SR5)	08026000	Sabine River near Burkeville, TX	194

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	*E.coli* mpn/100mL
9/24/25 10:58	10398 (SR3)	0.3	29.5	7.5	7.2	95	324	208	0.55	10.4	17
9/24/25 10:36	10340 (BA4)	0.3	28.3	7.6	4.6	59	1,080	688	0.41	8.87	26
9/24/25 09:53	10399 (SR5)	0.3	28.8	7.2	6.9	90	129	83	1.1	5.74	2
9/22/25 12:21	10401 (TB6S)	0.3	28.8	7.6	8.2	107	130	83	>1.2	2.06	3
9/22/25 12:04	15660 (BT1)	0.3	27.3	7.2	6.5	82	78	50	0.79	12.3	40

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	*E.coli* mpn/100mL
9/23/25 14:29	10404 (TB6A)	0.3	28.0	7.0	4.6	59	131	84	1.8	1.58	1
		1.0	27.9	6.9	4.5	57	131	84			
		2.0	27.8	7.0	4.2	55	131	84			
		3.0	27.4	6.9	3.6	46	132	84			
		4.0	27.3	6.8	2.9	38	130	83			
		5.0	27.0	6.8	2.2	28	130	83			
		8.0	26.1	6.9	0.1	1	138	88			
		11.0	24.0	6.8	0.1	1	144	93			
		14.0	21.8	6.7	0.1	1	138	89			
		17.0	20.3	6.7	<0.1	<1	141	91			
		20.0	19.4	6.7	<0.1	<1	142	91			
		23.0	18.5	6.7	<0.1	<1	143	91			
		26.0	17.1	6.8	<0.1	<1	149	95			
9/23/25 07:52	10406 (TB6C)	0.3	29.5	7.3	6.3	83	130	83	0.65	7.71	1
		1.0	29.5	7.3	6.3	83	130	84			
		2.0	29.5	7.3	6.3	83	130	83			
		3.0	29.3	7.3	6.3	83	131	84			
9/23/25 12:40	18054 (TB6Q)	0.3	29.8	8.5	7.7	102	142	90	1.0	4.33	<1
		1.0	29.7	8.5	7.7	102	142	90			
		2.0	29.7	8.4	7.8	102	142	90			
		3.0	29.7	8.5	7.7	102	142	91			
		4.0	29.7	8.5	7.8	103	142	90			
		5.0	29.6	8.4	7.8	102	142	91			
		6.0	29.4	8.3	7.5	97	141	90			
		7.0	29.4	8.1	7.1	93	141	90			
		8.0	29.3	7.3	0.1	1	147	95			

Segment 0504 Water Quality Continued

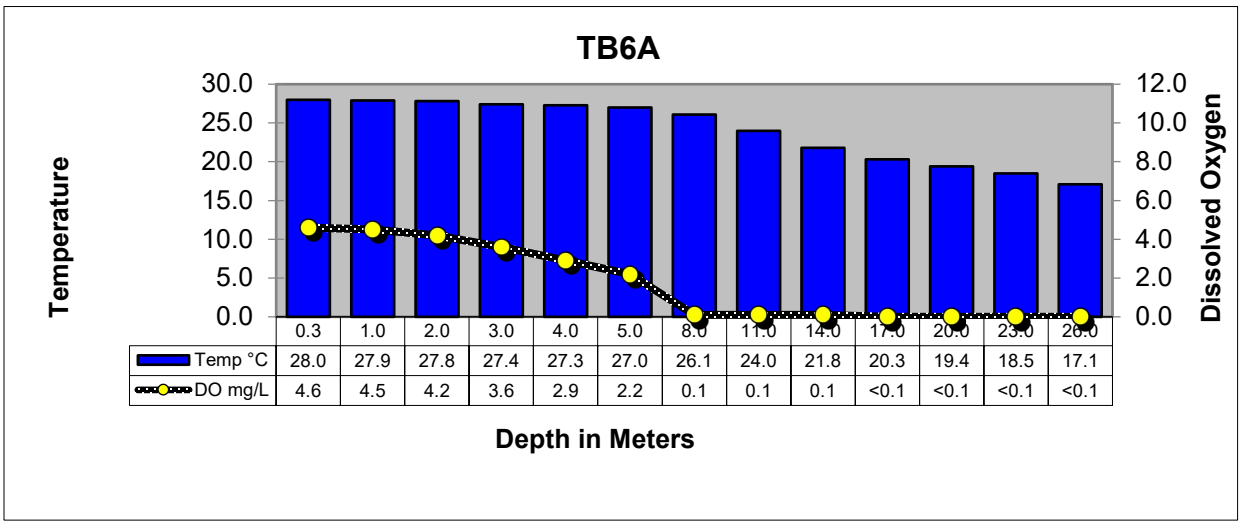
Date and Time	Station	Depth meters	Temp ˚C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	*E.coli* mpn/100mL
9/22/25 10:10	10411 (TB6F)	0.3	29.2	7.6	6.5	85	132	84	0.45	9.14	1
		1.0	29.3	7.6	6.3	83	131	84			
		2.0	29.2	7.6	6.4	84	132	84			
		3.0	29.1	7.5	5.1	66	132	85			
		4.0	28.9	7.1	0.3	4	133	85			
9/23/25 10:25	10402 (TB6H)	0.3	28.2	7.3	5.5	70	146	94	1.0	3.72	<1
		1.0	28.2	7.3	5.4	70	147	94			
		2.0	28.2	7.3	5.3	68	146	94			
		3.0	28.1	7.3	5.4	69	147	94			
		4.0	28.1	7.3	5.5	70	146	94			
		5.0	28.0	7.2	5.1	67	146	94			
		8.0	27.8	7.0	2.3	34	148	95			
		11.0	27.7	7.0	1.3	16	150	96			
		14.0	26.4	7.0	<0.1	<1	163	105			
		17.0	21.3	6.9	<0.1	<1	184	118			
		18.0	22.7	6.9	<0.1	<1	180	115			
9/22/25 10:36	15659 (TB6K)	0.3	29.2	7.5	5.4	70	146	94	0.46	6.92	<1
		1.0	29.2	7.5	5.3	69	147	94			
		2.0	29.3	7.4	5.2	67	146	94			
		3.0	29.0	7.3	4.0	53	147	94			
		4.0	29.0	7.1	2.1	28	148	95			
		5.0	28.8	7.0	1.0	13	150	95			
		6.0	28.8	6.9	1.0	12	149	96			
		7.0	28.7	6.9	0.5	5	150	96			
		7.0	28.6	6.9	0.1	1	152	97			
		9.0	28.6	6.8	<0.1	1	153	98			
9/22/25 09:38	15655 (TB6J)	0.3	29.4	8.0	6.4	84	150	96	0.31	14.7	1
		1.0	29.4	8.0	6.3	83	149	96			
		2.0	29.4	7.9	6.2	82	149	96			
		3.0	29.4	7.9	6.1	80	149	95			
		4.0	29.4	7.8	5.9	77	149	95			

Segment 0504 Water Quality Continued

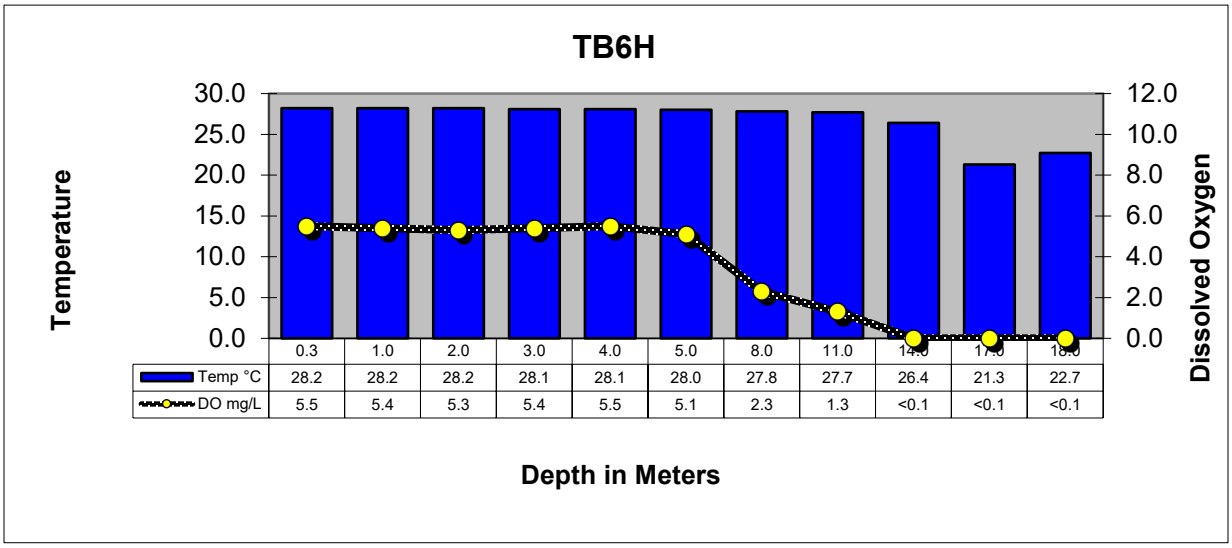
Date and Time	Station	Depth meters	Temp ˚C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	*E.coli* mpn/100mL
9/23/25 11:43	18053 (TB6LN)	0.3	29.7	8.2	7.5	98	144	93	0.62	7.74	<1
		1.0	29.6	8.1	7.5	98	145	92			
		2.0	29.5	7.9	7.1	94	144	92			
		3.0	29.5	7.7	6.9	91	144	92			
		4.0	29.4	7.5	6.4	84	144	92			
		5.0	29.3	7.3	5.9	77	144	92			
	18052 (TB6R)	0.3									
		1.0									
		2.0									
		3.0									
		4.0									
		5.0									
		6.0									
		7.0									
		8.0									
		9.0									
		10.0									
		11.0									

No samples or water quality taken at this site. Unable to launch boat due to low water conditions.

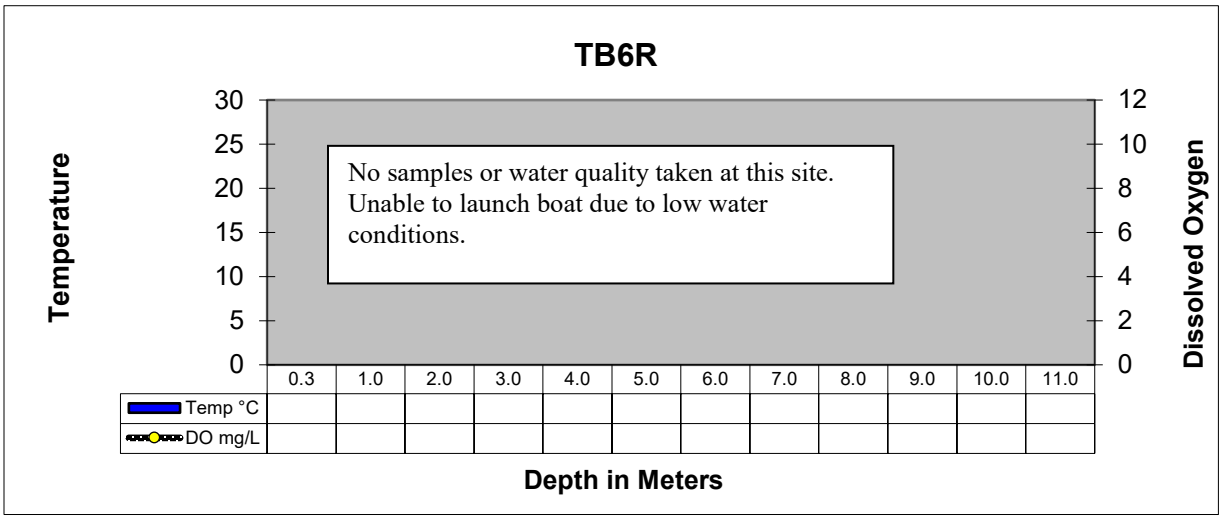
Toledo Bend Reservoir Profiles



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

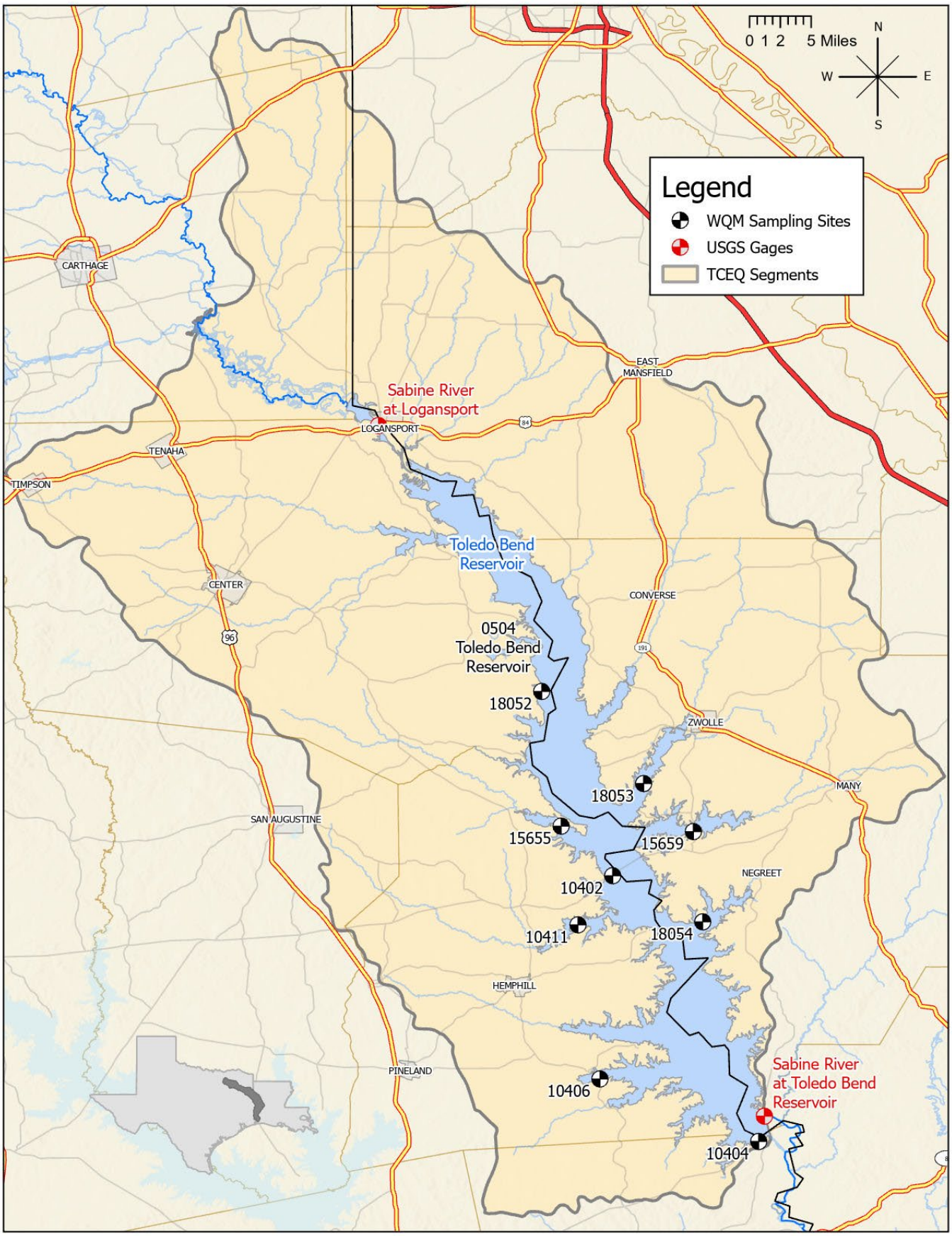


TOLEDO BEND RESERVOIR AT SH 21 NORTHEAST OF MILAM



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 six cities having populations greater than 5,000. Segment 0505 includes a large section of the East Texas Oilfield as well as numerous industries.

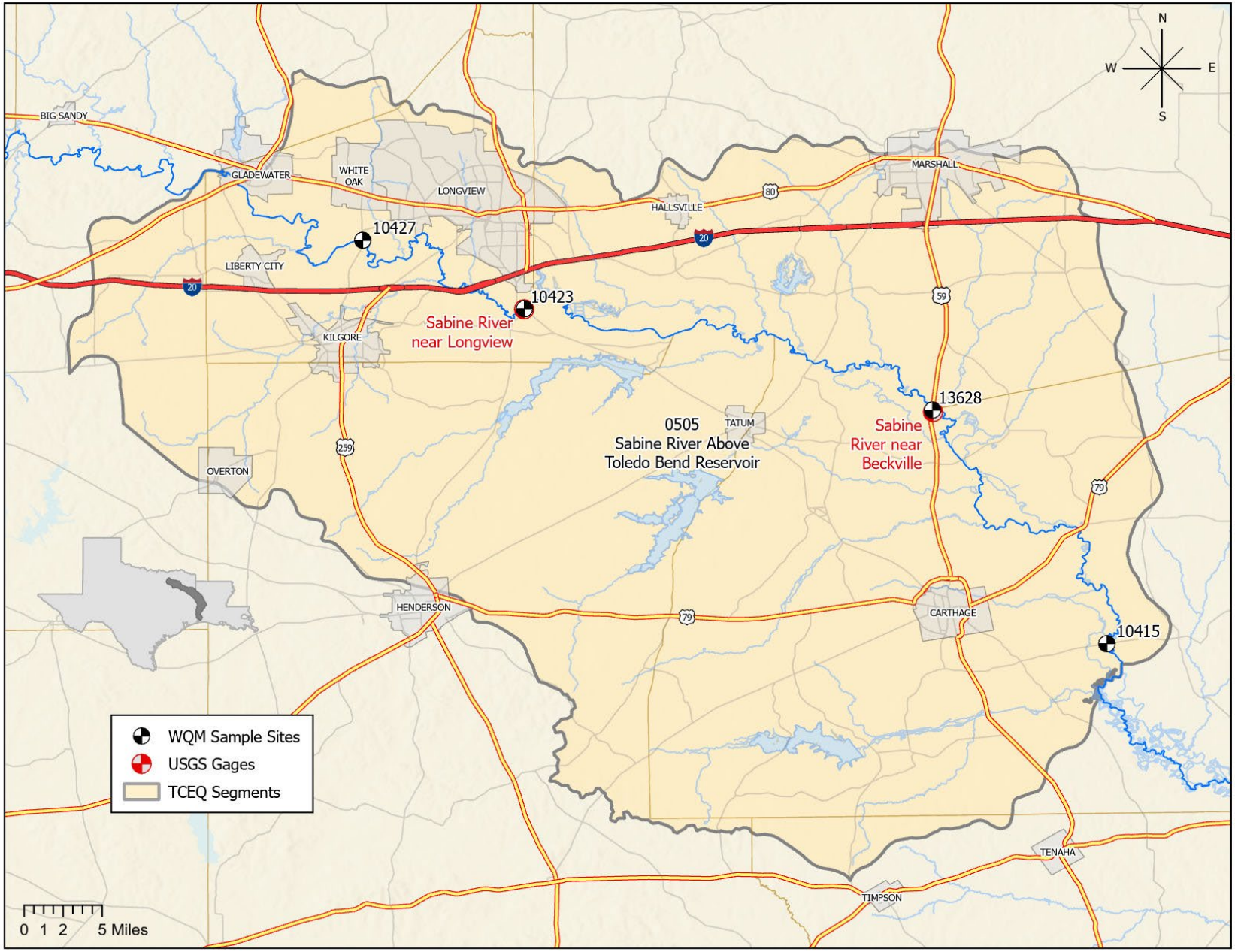
Segment 0505 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
9/24/2025 10:19	13628(SR11)	8022040	Sabine River near Beckville, TX	169
9/24/2025 09:38	10423(SR14)	8020990	Sabine River near Longview, TX	152

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**	***E. coli* mpn/100mL**
9/24/2025 10:50	10415(SR10)	0.3	29.1	7.6	7.5	99	410	263	0.33	22.1	34
9/24/2025 10:19	13628(SR11)	0.3	29.3	7.9	7.5	101	480	308	0.37	19.6	4
9/24/2025 09:38	10423(SR14)	0.3	28.4	7.3	7.0	93	361	231	0.35	26.0	3
9/24/2025 09:13	10427(SR16)	0.3	28.4	7.2	7.1	93	252	161	0.26	34.0	10

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 msl.

Segment 0506 USGS- Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
9/24/2025 08:49	10428(SR17)	8020000	Sabine River near Gladewater, TX	116
9/24/2025 07:26	10429(SR19)	8019200	Sabine River near Hawkins, TX	71
9/23/2025 12:09	10430(SR21)	8018500	Sabine River near Mineola, TX	15
Segment 0514				
9/24/2025 08:10	10468(BS1)	8019500	Big Sandy Creek near Big Sandy, TX	18

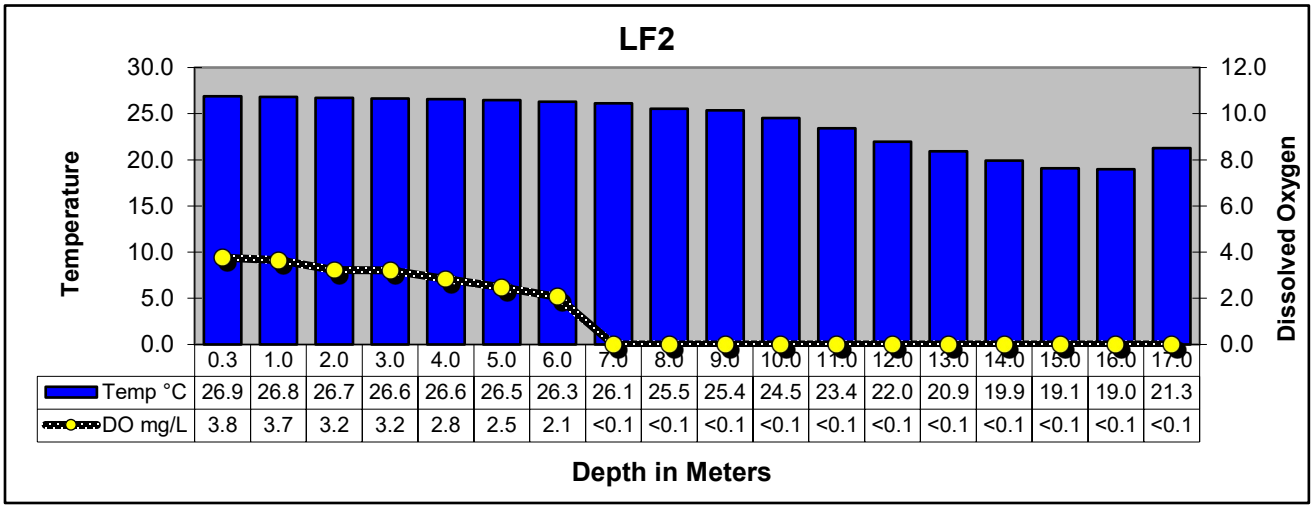
Segment 0506 Water Quality

Date and Time	**Station**	**Depth meters**	**Temp ˚C**	**pH SU**	**DO mg/L**	**% Sat**	**Cond µS/cm**	**TDS mg/L**	**Secchi meters**	**Turbidity NTU**	***E. coli* mpn/100mL**
9/24/2025 08:49	10428(SR17)	0.3	28.1	7.3	7.1	93	225	144	0.23	37.2	6
9/24/2025 07:26	10429(SR19)	0.3	27.8	7.2	6.4	84	224	143	0.32	43.2	16
9/23/2025 12:09	10430(SR21)	0.3	28.6	7.3	4.9	64	437	278	0.17	54.5	29
Segment 0514											
9/24/2025 08:10	10468(BS1)	0.3	26.3	6.7	6.2	78	109	70	>1.2	6.62	135
Segment 0515											
9/24/2025 07:05	10469(LF20)	0.3	25.9	7.0	6.3	79	175	112	0.34	24.5	42

Segment 0506 Water Quality Continued

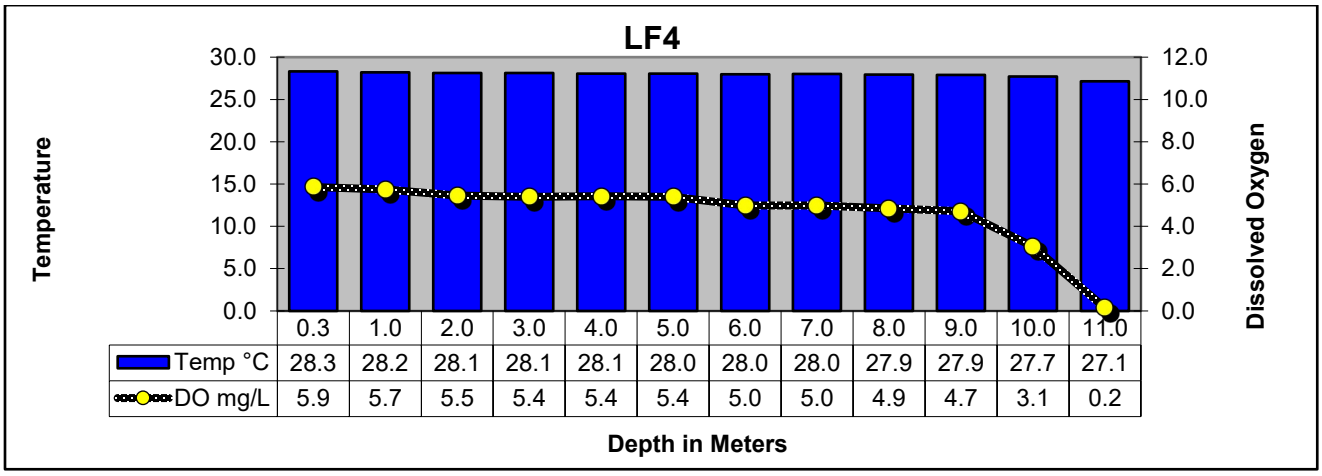
Date and Time	Station	Depth meters	Temp ˚C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	*E. coli* mpn/100mL
Segment 0512											
9/23/2025 11:06	10458(LF2)	0.3	26.9	7.2	3.8	48	159	102	1.0	3.46	<1
		1.0	26.8	7.1	3.7	47	159	102			
		2.0	26.7	7.1	3.2	41	159	102			
		3.0	26.6	7.1	3.2	41	160	102			
		4.0	26.6	7.0	2.8	36	160	102			
		5.0	26.5	7.0	2.5	31	1560	102			
		6.0	26.3	7.0	2.1	26	160	102			
		7.0	26.1	7.0	<0.1	<1	162	104			
		8.0	25.5	7.0	<0.1	<1	172	110			
		9.0	25.4	7.1	<0.1	<1	173	111			
		10.0	24.5	7.2	<0.1	<1	188	121			
		11.0	23.4	7.2	<0.1	<1	206	131			
		12.0	22.0	7.0	<0.1	<1	199	128			
		13.0	20.9	6.8	<0.1	<1	190	122			
		14.0	19.9	6.8	<0.1	<1	193	124			
		15.0	19.1	6.7	<0.1	<1	199	127			
		16.0	19.0	6.7	<0.1	<1	208	133			
		17.0	21.3	6.6	<0.1	<1	263	169			
9/23/2025 10:16	10462(LF4)	0.3	28.3	7.6	5.9	77	160	103	0.74	4.02	2
		1.0	28.2	7.6	5.7	75	161	103			
		2.0	28.1	7.5	5.5	71	160	103			
		3.0	28.1	7.4	5.4	70	161	103			
		4.0	28.1	7.4	5.4	71	161	103			
		5.0	28.0	7.4	5.4	70	161	103			
		6.0	28.0	7.4	5.0	65	161	103			
		7.0	28.0	7.3	5.0	65	161	103			
		8.0	27.9	7.3	4.9	63	161	103			
		9.0	27.9	7.3	4.7	61	161	103			
		10.0	27.7	7.1	3.1	39	163	104			
		11.0	27.1	6.8	0.2	2	172	110			
9/23/2025 10:33	10461(LF3)	0.3	28.4	7.5	5.5	73	163	104	0.60	4.82	1
		1.0	28.4	7.4	5.5	72	163	104			
		2.0	28.4	7.4	5.5	71	163	104			
		3.0	28.4	7.4	5.4	71	163	104			
		4.0	28.4	7.4	5.4	71	163	104			
		5.0	28.4	7.4	5.4	70	163	104			
		6.0	28.4	7.4	5.3	69	163	104			
		7.0	28.3	7.3	5.1	66	163	104			
		8.0	28.0	7.2	3.3	43	166	106			
		9.0	28.0	6.9	0.5	6	173	110			

Lake Fork Reservoir Profiles



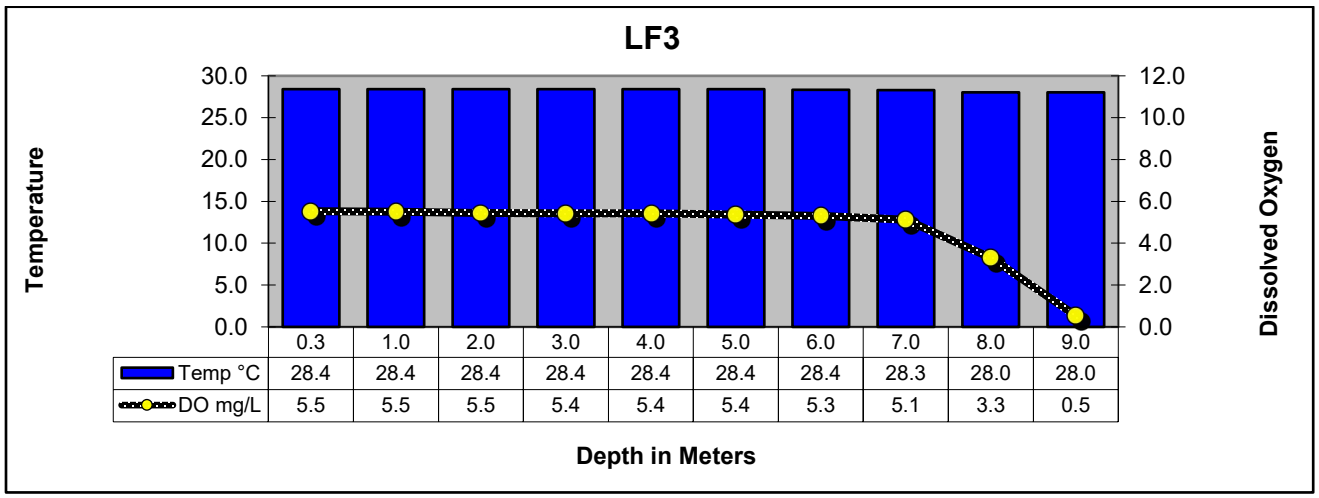
	0.3	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
Temp °C	26.9	26.8	26.7	26.6	26.6	26.5	26.3	26.1	25.5	25.4	24.5	23.4	22.0	20.9	19.9	19.1	19.0	21.3
DO mg/L	3.8	3.7	3.2	3.2	2.8	2.5	2.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

LAKE FORK RESERVOIR NEAR DAM IN CREEK CHANNEL



	0.3	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0
Temp °C	28.3	28.2	28.1	28.1	28.1	28.0	28.0	28.0	27.9	27.9	27.7	27.1
DO mg/L	5.9	5.7	5.5	5.4	5.4	5.4	5.0	5.0	4.9	4.7	3.1	0.2

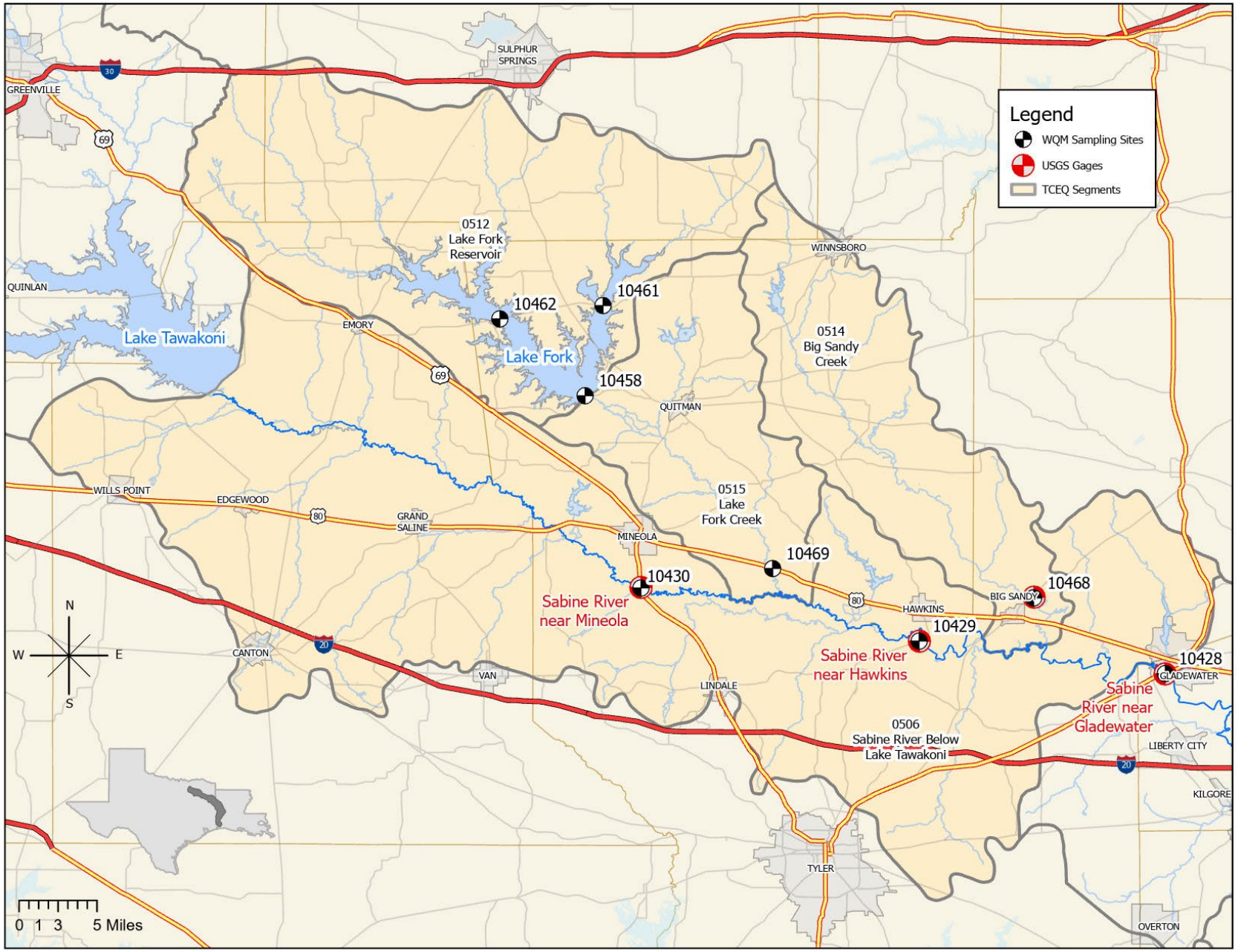
LAKE FORK RESERVOIR MID-COVE IN LAKE FORK CREEK ARM AT FM515



	0.3	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Temp °C	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.3	28.0	28.0
DO mg/L	5.5	5.5	5.5	5.4	5.4	5.4	5.3	5.1	3.3	0.5

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

Segments 0506, 0512, 0514 & 0515



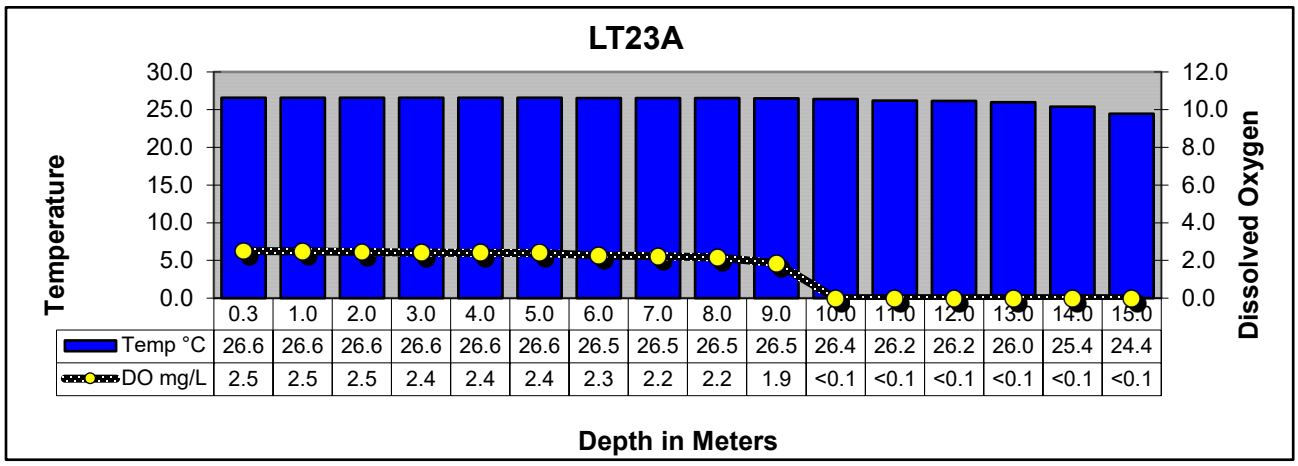
Segment 0507 - Lake Tawakoni

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 msl. 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

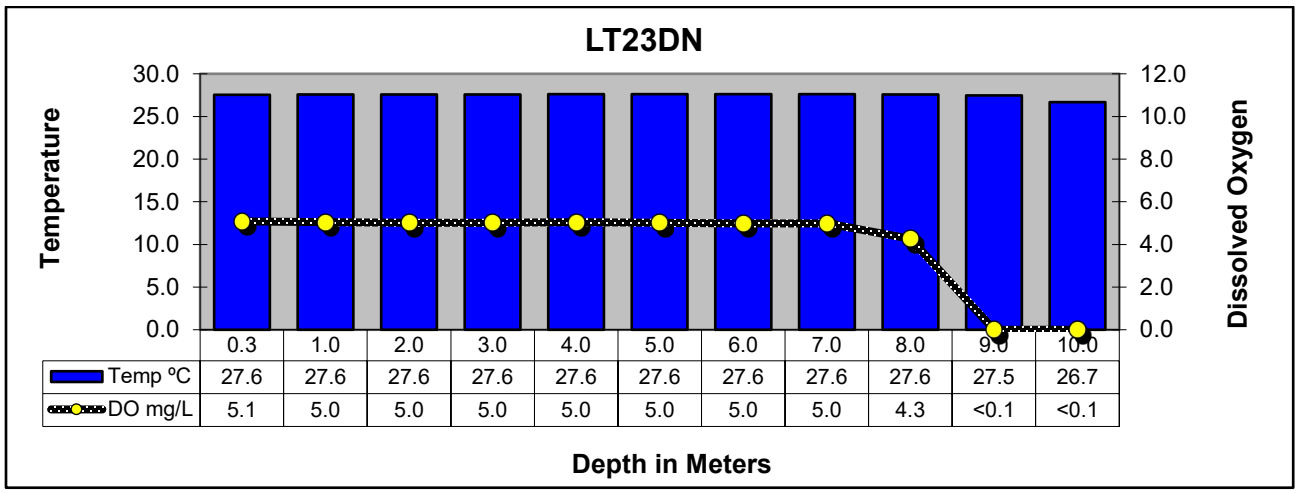
Date and Time	Station	Depth meters	Temp °C	pH	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	*E.coli* mpn/100mL
Segment 0507											
9/23/2025 09:14	10434(LT23A)	0.3	26.6	7.4	2.5	32	203	130	0.81	3.87	<1
		1.0	26.6	7.4	2.5	31	203	130			
		2.0	26.6	7.3	2.5	31	203	130			
		3.0	26.6	7.3	2.4	31	203	130			
		4.0	26.6	7.3	2.4	31	202	130			
		5.0	26.6	7.3	2.4	30	202	130			
		6.0	26.5	7.3	2.3	29	202	130			
		7.0	26.5	7.3	2.2	28	202	130			
		8.0	26.5	7.3	2.2	27	202	130			
		9.0	26.5	7.3	1.9	23	203	130			
		10.0	26.4	7.2	<0.1	<1	206	132			
		11.0	26.2	7.1	<0.1	<1	208	133			
		12.0	26.2	7.1	<0.1	<1	209	134			
		13.0	26.0	7.0	<0.1	<1	223	143			
		14.0	25.4	6.9	<0.1	<1	236	151			
		15.0	24.4	6.6	<0.1	<1	324	208			
9/23/2025 08:28	21173(LT23DN)	0.3	27.6	8.1	5.1	66	189	121	0.72	7.77	<1
		1.0	27.6	8.1	5.0	65	189	121			
		2.0	27.6	8.0	5.0	65	189	121			
		3.0	27.6	8.0	5.0	65	189	121			
		4.0	27.6	8.0	5.0	65	189	121			
		5.0	27.6	8.0	5.0	65	189	121			
		6.0	27.6	8.0	5.0	65	189	121			
		7.0	27.6	8.0	5.0	65	189	121			
		8.0	27.6	7.8	4.3	56	192	123			
		9.0	27.5	7.4	<0.1	<1	206	132			
		10.0	26.7	7.1	<0.1	<1	214	137			
9/23/2025 08:02	10437(LT23B)	0.3	27.9	8.3	5.9	77	188	120	0.75	10.2	5
		1.0	28.0	8.3	5.9	77	188	120			
		2.0	28.0	8.3	5.9	76	188	120			
		3.0	28.0	8.3	5.9	77	188	120			
		4.0	28.0	8.3	5.9	77	188	120			
		5.0	28.0	8.3	5.9	77	188	120			
		6.0	28.0	8.3	5.9	77	188	120			
		7.0	28.0	8.3	5.9	77	189	121			
		8.0	27.9	8.3	6.2	80	191	122			
		9.0	27.9	8.1	6.0	78	191	122			

Lake Tawakoni Reservoir Profiles



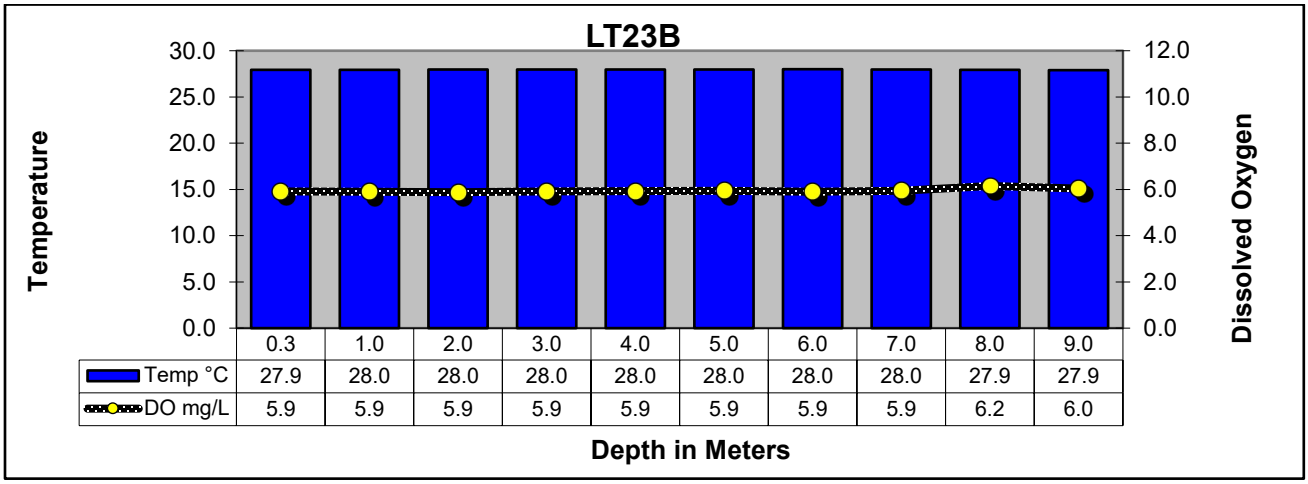
	0.3	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0
Temp °C	26.6	26.6	26.6	26.6	26.6	26.6	26.5	26.5	26.5	26.5	26.4	26.2	26.2	26.0	25.4	24.4
DO mg/L	2.5	2.5	2.5	2.4	2.4	2.4	2.3	2.2	2.2	1.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

LAKE TAWAKONI IN THE MAIN LAKE NEAR THE DAM

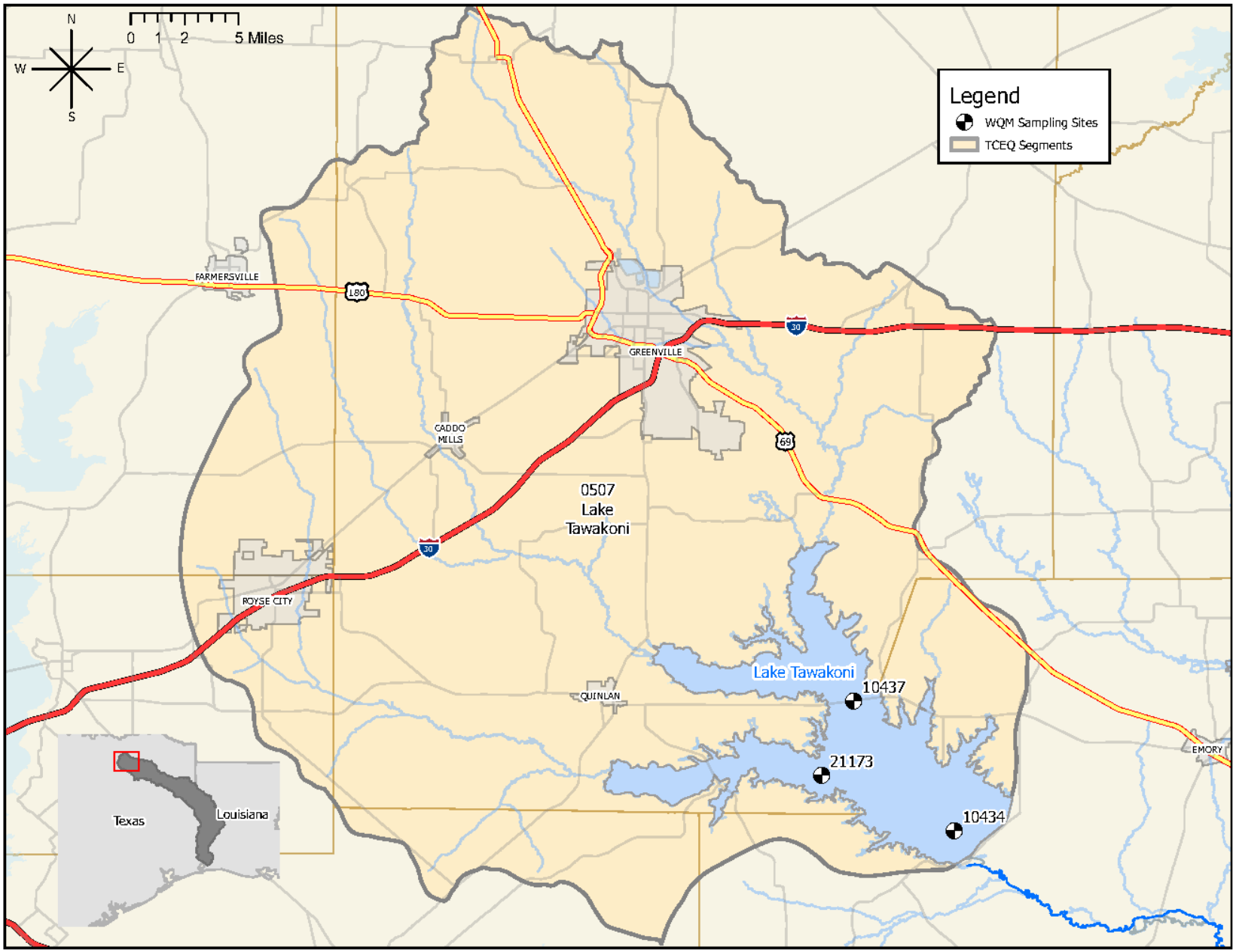


	0.3	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
Temp ºC	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.5	26.7
DO mg/L	5.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.3	<0.1	<0.1

LAKE TAWAKONI IN WACO BAY EQUIDISTANT FROM FINGER AND SPRING POINTS



	0.3	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
Temp °C	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	27.9	27.9
DO mg/L	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	6.2	6.0

LAKE TAWAKONI AT SH276

Segment 0507