

SABINE RIVER AUTHORITY OF TEXAS

TO: INTERESTED PARTIES
FROM: ENVIRONMENTAL SERVICES DIVISION
RE: JUNE 2024 MONTHLY WATER QUALITY REPORT

The Environmental Services Field Offices conducted water quality monitoring in the Sabine Basin from June 10th through the 13th. The results of field monitoring are presented in this report¹ 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 0.78 inches of rainfall in the seven days prior to the sampling event.
Tidal Conditions – Surface salinity values were greater than 1 ppt were not found at any of the seven tidal stations. The highest salinity value of 0.5 ppt was recorded at station 15654 (BB1) at a depth of 0.3 meters.

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

Weather – Air temperatures in the lower basin were warm with highs in the upper 80s to low 90s. Low temperatures were in the upper 60s to mid 70s. Toledo Bend received 2.03 inches of rainfall during the seven days prior to the sampling event.

Lake Level - The level of Toledo Bend was 172.60 feet with a daily average discharge of 39,323 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 low 80s to low 90s. Low temperatures were in the mid 60s to mid 70s. Lake Fork and Lake Tawakoni received 2.53 and 4.80 inches of rain respectively during the seven days prior to sampling.

Lake Level - The level of Lake Tawakoni was 439.77 feet msl with a release of 5,700 cfs on the day of sampling. The level of Lake Fork was 403.36 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 and Lake Tawakoni indicated a stratified water column.

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

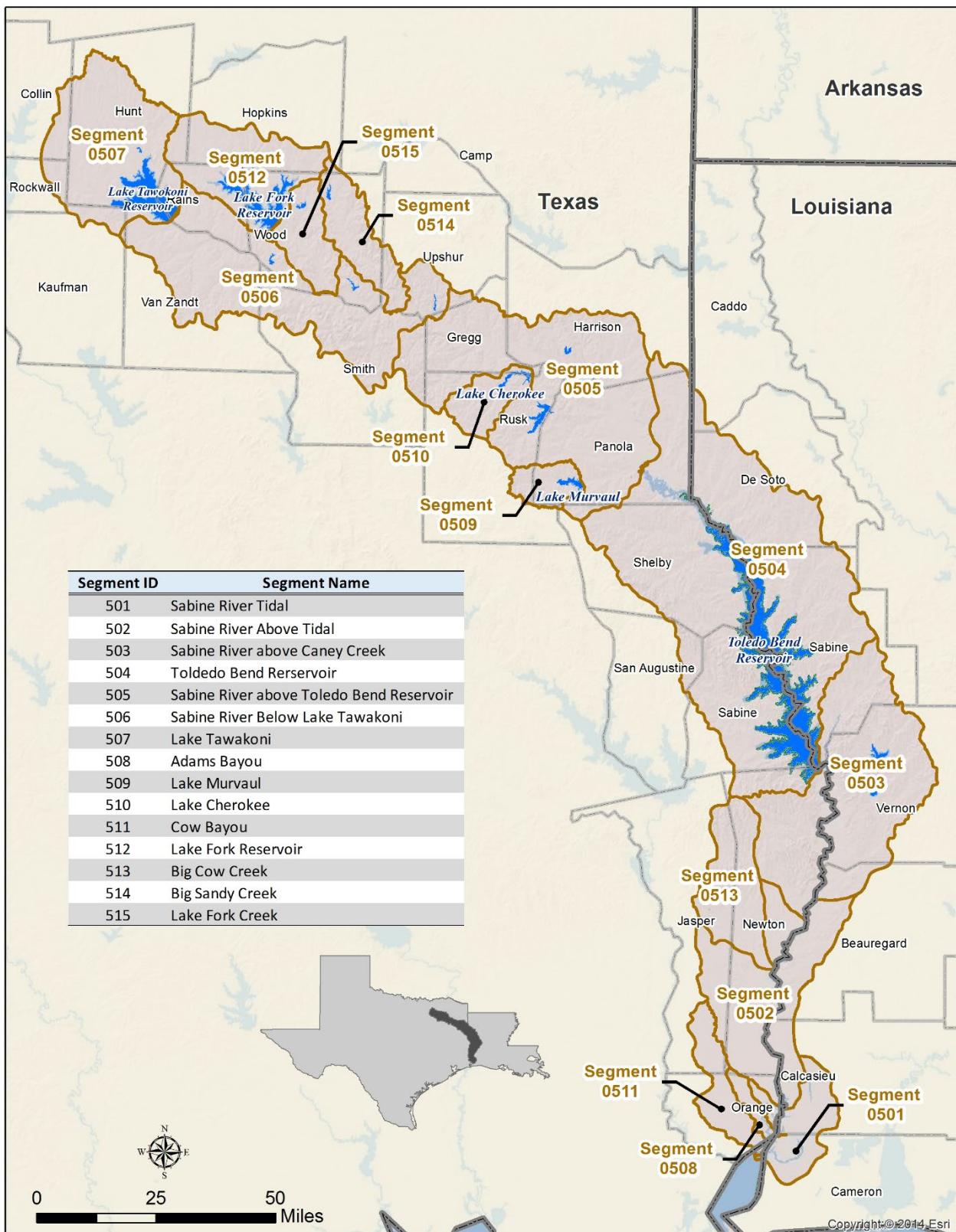
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Sabine Basin Map



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
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.

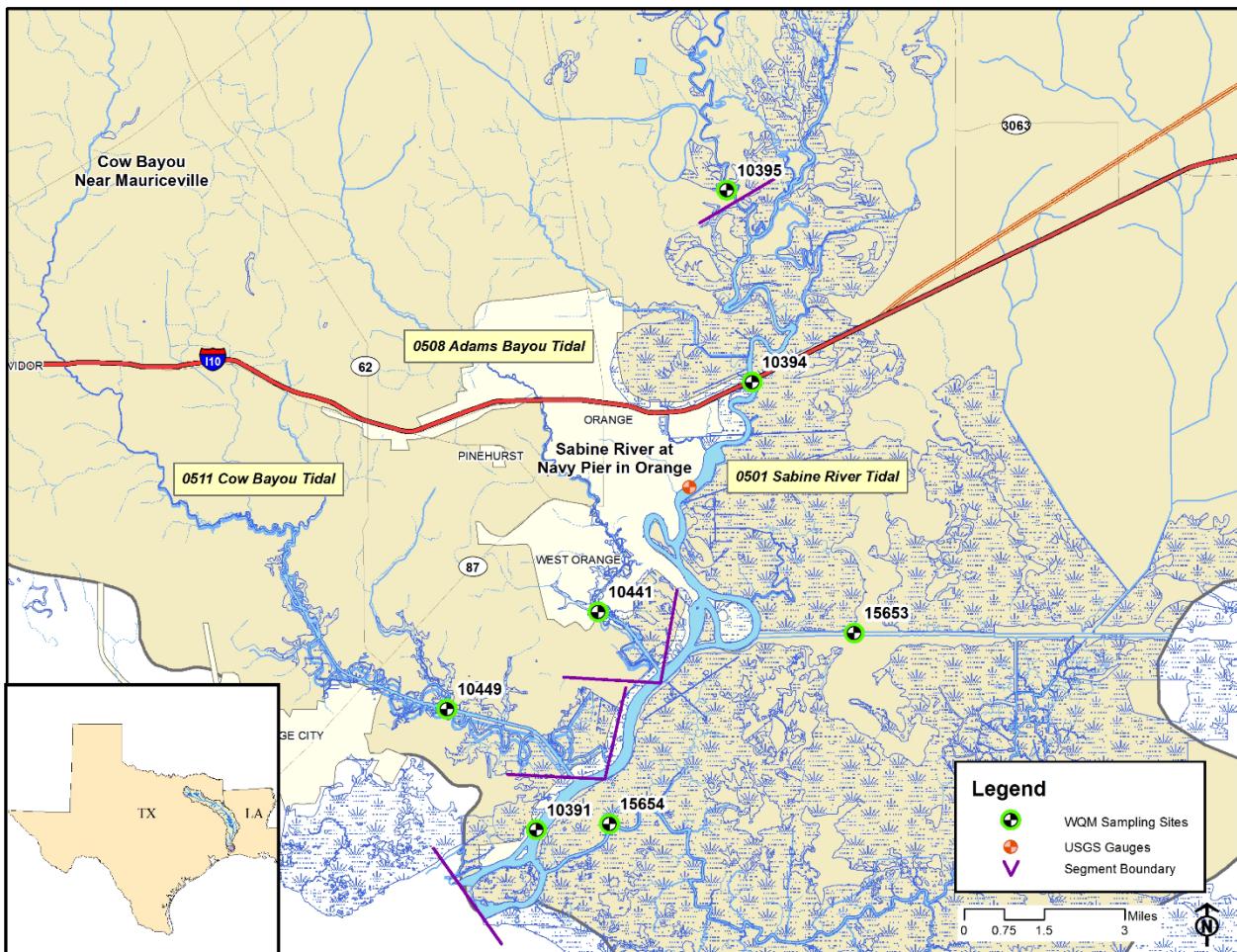
Segment 0508 – Adams Bayou Tidal. The segment reaches from the confluence with the Sabine River in Orange County to a point 1.1 kilometers (0.7 miles) upstream of IH-10 in Orange County.

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	mpn/ 100mL	Enterococcus
6/13/24 09:11	10391 (SRT1)	0.3	27.9	6.3	4.4	56	97	62	<0.1	0.38	26.2	85	
		3.0	27.9	6.3	2.4	30	96	62	<0.1				
		6.0	27.9	6.5	<0.1	<1	96	62	<0.1				
		9.0	27.8	6.6	<0.1	<1	96	61	<0.1				
6/13/24 08:58	15654 (BB1)	0.3	30.1	6.6	2.8	37	955	611	0.5	0.64	10.7	31	
		1.5	30.1	6.6	2.8	37	958	612	0.5				
		3.0	30.1	6.6	2.8	37	956	612	0.5				
Segment 0511													
6/13/24 08:43	10449 (CB1)	0.3	29.0	6.2	2.0	26	103	66	<0.1	0.34	20.9	63	
		2.0	28.9	6.2	1.3	18	108	69	<0.1				
		4.0	28.3	6.2	0.2	2	104	67	<0.1				
Segment 0508													
6/13/24 09:28	10441 (AB2)	0.3	29.8	6.4	2.1	28	201	128	0.1	0.44	8.43	318	
		2.0	29.3	6.4	0.5	6	209	136	0.1				
		4.0	28.7	6.4	<0.1	<1	204	131	0.1				
6/13/24 09:43	15653 (ICW1)	0.3	28.8	6.2	4.7	61	109	70	<0.1	0.41	18.3	63	
		3.0	28.8	6.3	4.6	59	109	70	<0.1				
		6.0	28.7	6.4	4.6	59	109	70	<0.1				
6/13/24 10:17	10394 (SRT2)	0.3	27.6	6.3	4.7	59	92	59	<0.1	0.36	23.2	132	
		3.0	27.5	6.3	4.6	59	92	59	<0.1				
		6.0	27.5	6.4	4.6	59	92	58	<0.1				
		9.0	27.5	6.4	4.6	59	92	59	<0.1				
6/13/24 12:02	10395 (SR1)	0.3	27.7	6.6	4.8	61	89	57	<0.1	0.30	20.7	146	

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.

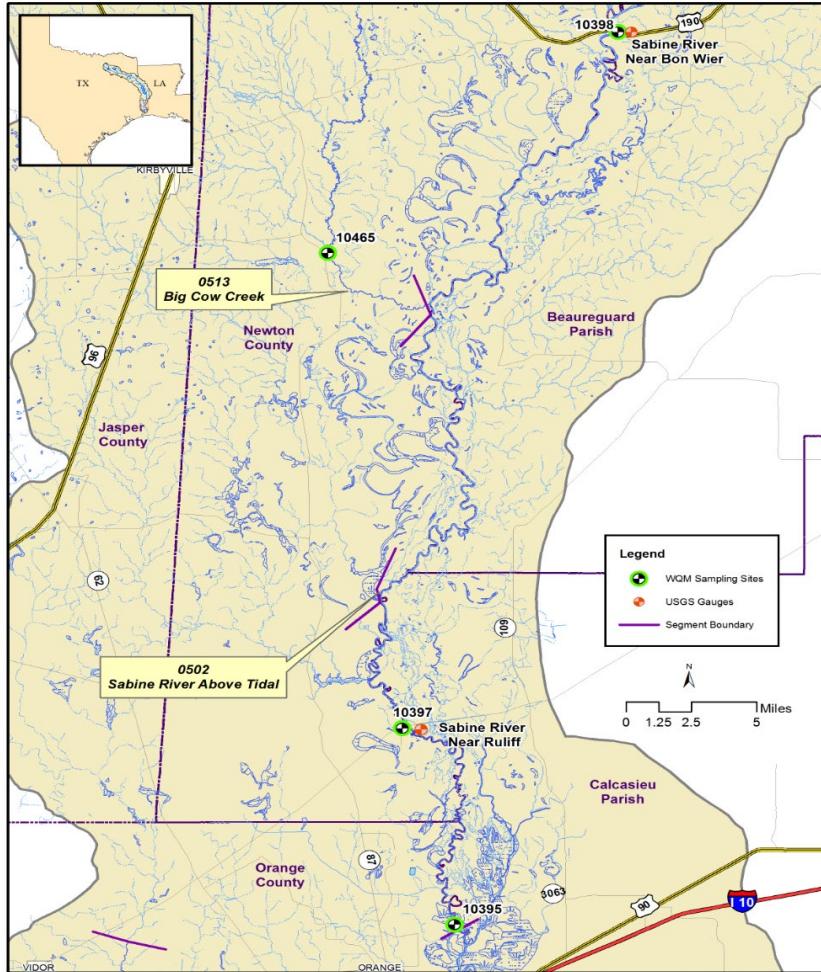
Segment 0502 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
6/12/24 08:05	10397(SR2)	08030500	Sabine River near Ruliff, TX	46,700

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
6/12/24 08:05	10397 (SR2)	0.3	27.4	6.6	5.1	65	89	57	0.27	26.8	23
	Segment 0513										
6/12/24 09:13	10465 (BCC1)	0.3	25.8	6.1	6.3	77	30	19	0.53	17.5	16

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.

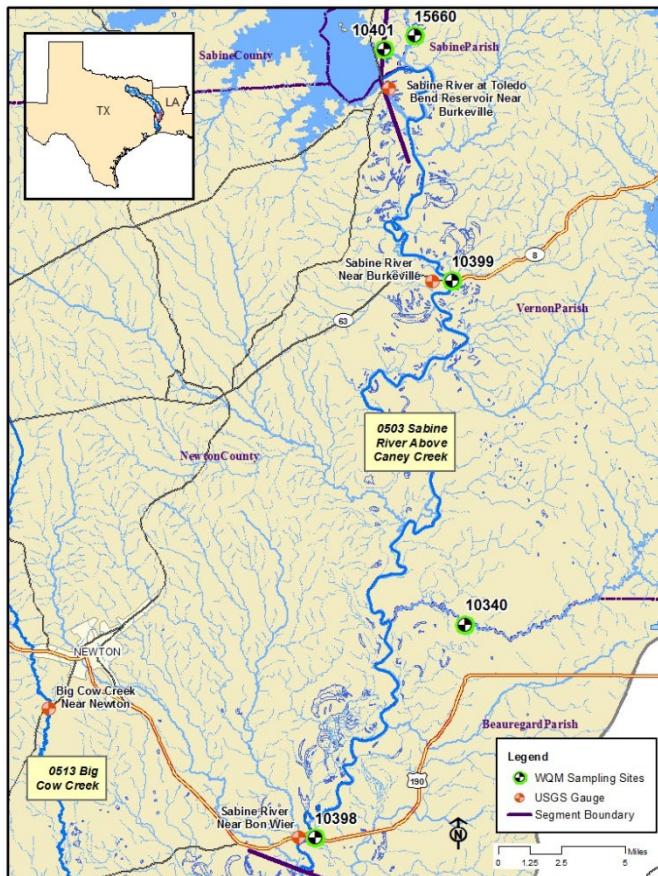
Segment 0503 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
6/12/24 11:30	10398(SR3)	08028500	Sabine River near Bon Wier, TX	55,400
6/12/24 10:20	10399(SR5)	08026000	Sabine River near Burkeville, TX	45,600

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
6/12/24 11:30	10398 (SR3)	0.3	26.8	6.7	6.0	75	92	30	0.28	24.3	11
6/12/24 11:06	10340 (BA4)	0.3	28.4	6.8	5.7	73	135	86	0.26	26.1	12
6/12/24 10:20	10399 (SR5)	0.3	27.4	6.9	7.6	96	96	61	0.76	5.93	3
	10401 (TB6S)	0.3		Unable to reach site due to spillway release							
6/10/24 12:06	15660 (BT1)	0.3	26.6	6.6	5.1	64	51	33	0.44	19.3	20

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
6/11/24 14:28	10404 (TB6A)	0.3	30.8	8.0	9.0	121	95	61	1.6	2.18	1
		1.0	30.6	8.0	9.0	121	96	61			
		2.0	30.3	7.8	8.9	120	96	61			
		3.0	28.8	7.5	8.9	117	96	61			
		4.0	28.4	7.2	8.2	108	95	61			
		5.0	27.8	6.8	7.5	101	95	61			
		8.0	25.8	6.7	6.0	74	98	63			
		11.0	25.0	6.6	4.8	59	100	64			
		14.0	22.5	6.5	0.7	8	110	71			
		17.0	20.1	6.5	<0.1	<1	120	77			
		20.0	19.5	6.6	<0.1	<1	125	80			
		23.0	18.6	6.7	<0.1	<1	126	80			
		26.0	17.0	6.8	<0.1	<1	132	84			
6/11/24 07:55	10406 (TB6C)	0.3	30.5	7.8	8.4	114	86	55	1.6	2.34	<1
		1.0	30.5	7.8	8.5	114	86	55			
		2.0	30.5	7.8	8.5	114	86	55			
		3.0	30.1	7.8	8.5	114	86	55			
		4.0	27.2	7.2	3.8	41	57	37			
6/11/24 13:07	18054 (TB6Q)	0.3	30.1	8.0	8.8	116	90	58	0.93	3.84	2
		1.0	30.1	8.0	8.8	118	90	58			
		2.0	29.4	7.9	8.6	112	89	57			
		3.0	27.2	7.5	4.1	50	91	58			
		4.0	26.0	7.0	3.7	46	87	56			
		5.0	25.9	6.7	3.7	45	88	56			
		6.0	25.8	6.7	3.8	46	88	56			
		7.0	25.7	6.6	3.7	46	88	56			
		8.0	25.7	6.6	3.4	42	88	57			
		9.0	25.6	6.5	2.8	34	90	57			

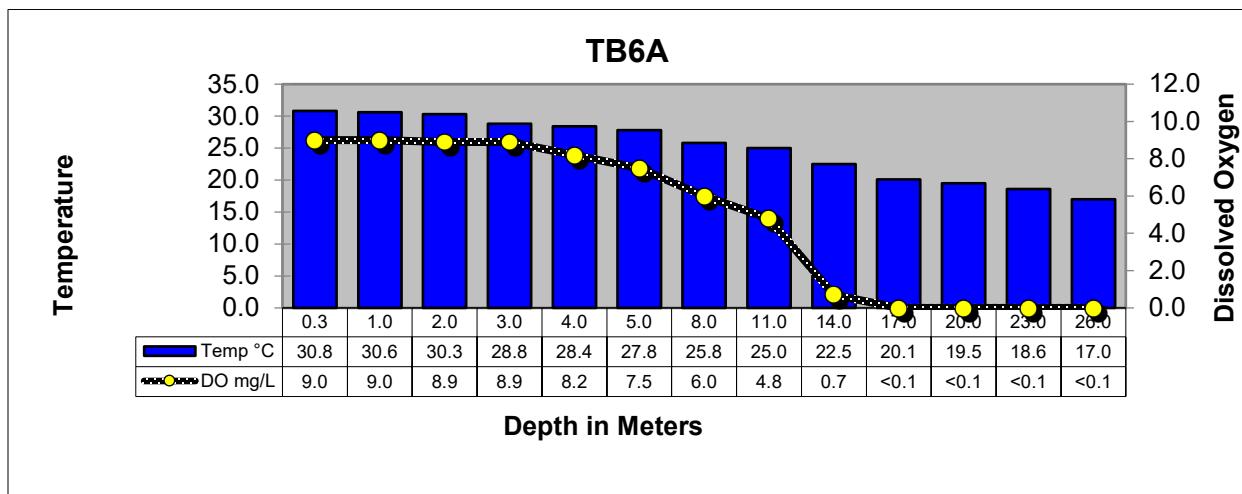
Segment 0504 Water Quality Continued

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
6/10/24 10:07	10411 (TB6F)	0.3	31.2	8.2	9.4	127	72	46	0.90	4.49	<1
		1.0	30.9	8.1	9.0	121	70	45			
		2.0	27.6	7.6	6.8	87	55	36			
		3.0	25.6	6.9	3.1	38	48	31			
		4.0	25.0	6.7	2.6	30	47	30			
		5.0	24.2	6.4	1.4	17	46	30			
		6.0	23.9	6.4	0.4	5	48	31			
6/11/24 10:51	10402 (TB6H)	0.3	29.8	8.2	9.5	126	98	97	0.80	3.27	<1
		1.0	29.4	8.1	9.0	122	98	63			
		2.0	29.2	7.8	8.6	113	98	63			
		3.0	29.1	7.6	8.3	110	99	63			
		4.0	28.9	7.1	8.0	105	99	63			
		5.0	26.6	6.6	4.4	56	97	63			
		8.0	26.1	6.5	3.4	43	92	59			
		11.0	25.7	6.5	2.6	32	89	57			
		14.0	25.4	6.4	1.5	19	90	58			
		17.0	25.3	6.4	1.0	12	90	57			
		20.0	25.1	6.6	0.2	3	89	57			
		21.0	25.1	6.7	0.2	2	90	57			
6/10/24 10:36	15659 (TB6K)	0.3	30.5	8.3	9.8	132	83	53	0.86	3.74	1
		1.0	30.5	8.3	9.8	132	83	53			
		2.0	30.0	8.2	9.5	125	84	54			
		3.0	28.8	7.8	8.0	103	84	54			
		4.0	28.0	7.4	6.1	76	80	51			
		5.0	25.9	7.0	2.8	34	76	49			
		6.0	24.4	6.6	0.3	4	73	46			
		7.0	24.2	6.5	0.3	3	76	49			
		8.0	24.1	6.4	0.1	1	76	48			
		9.0	24.1	6.3	0.1	1	77	49			
		10.0	24.1	6.3	0.1	1	77	49			
6/10/24 09:34	15655 (TB6J)	0.3	31.4	8.2	9.2	125	89	57	0.81	4.44	1
		1.0	31.4	8.2	9.1	124	89	57			
		2.0	30.1	7.8	7.6	96	83	53			
		3.0	27.6	7.3	4.7	59	76	49			
		4.0	25.6	6.8	1.7	21	67	43			
		5.0	25.1	6.6	1.1	13	64	41			

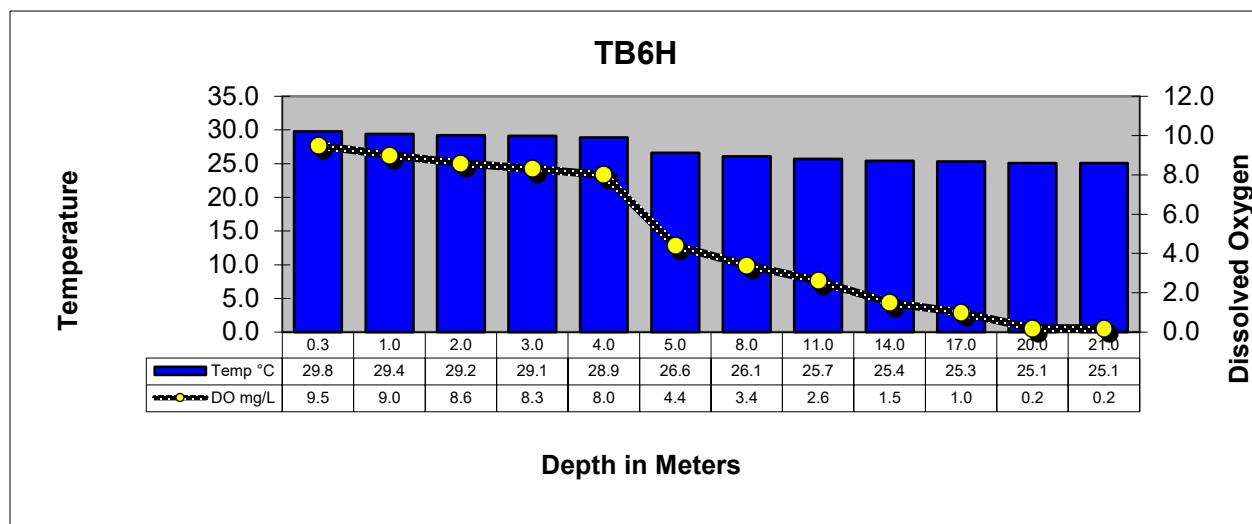
Segment 0504 Water Quality Continued

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
6/11/24 12:06	18053 (TB6LN)	0.3	29.7	7.3	7.7	102	81	52	0.95	3.89	1
		1.0	29.3	7.2	7.6	100	81	52			
		2.0	28.7	7.1	6.4	83	79	51			
		3.0	26.8	6.7	2.6	32	76	48			
		4.0	26.0	6.5	1.7	21	71	46			
		5.0	25.5	6.3	0.8	9	61	39			
		6.0	24.8	6.2	0.4	5	50	32			
		7.0	24.6	6.1	0.1	1	51	32			
6/11/24 09:28	18052 (TB6R)	0.3	29.2	6.7	8.1	107	61	39	0.42	19.6	<1
		1.0	29.0	6.6	7.5	99	60	39			
		2.0	28.9	6.6	7.4	97	61	39			
		3.0	28.9	6.5	7.4	96	61	39			
		4.0	28.2	6.4	6.5	86	62	39			
		5.0	25.4	6.2	2.5	31	68	44			
		6.0	25.3	6.2	2.4	30	67	43			
		7.0	25.2	6.2	2.4	29	66	42			
		8.0	25.1	6.2	2.2	27	65	42			
		9.0	25.1	6.3	2.1	26	65	42			
		10.0	25.0	6.3	2.1	25	68	43			
		11.0	25.0	6.3	1.9	24	67	43			
		12.0	24.9	6.4	1.4	18	72	46			
		13.0	24.9	6.4	1.1	13	74	47			
		14.0	24.9	6.4	1.0	13	74	47			

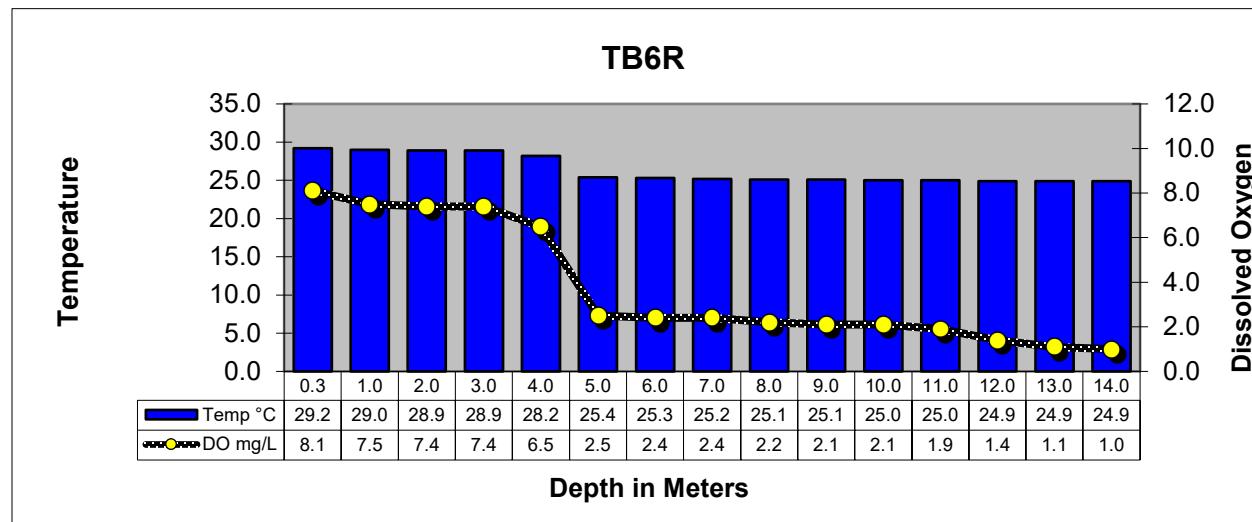
Toledo Bend Reservoir Profiles



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

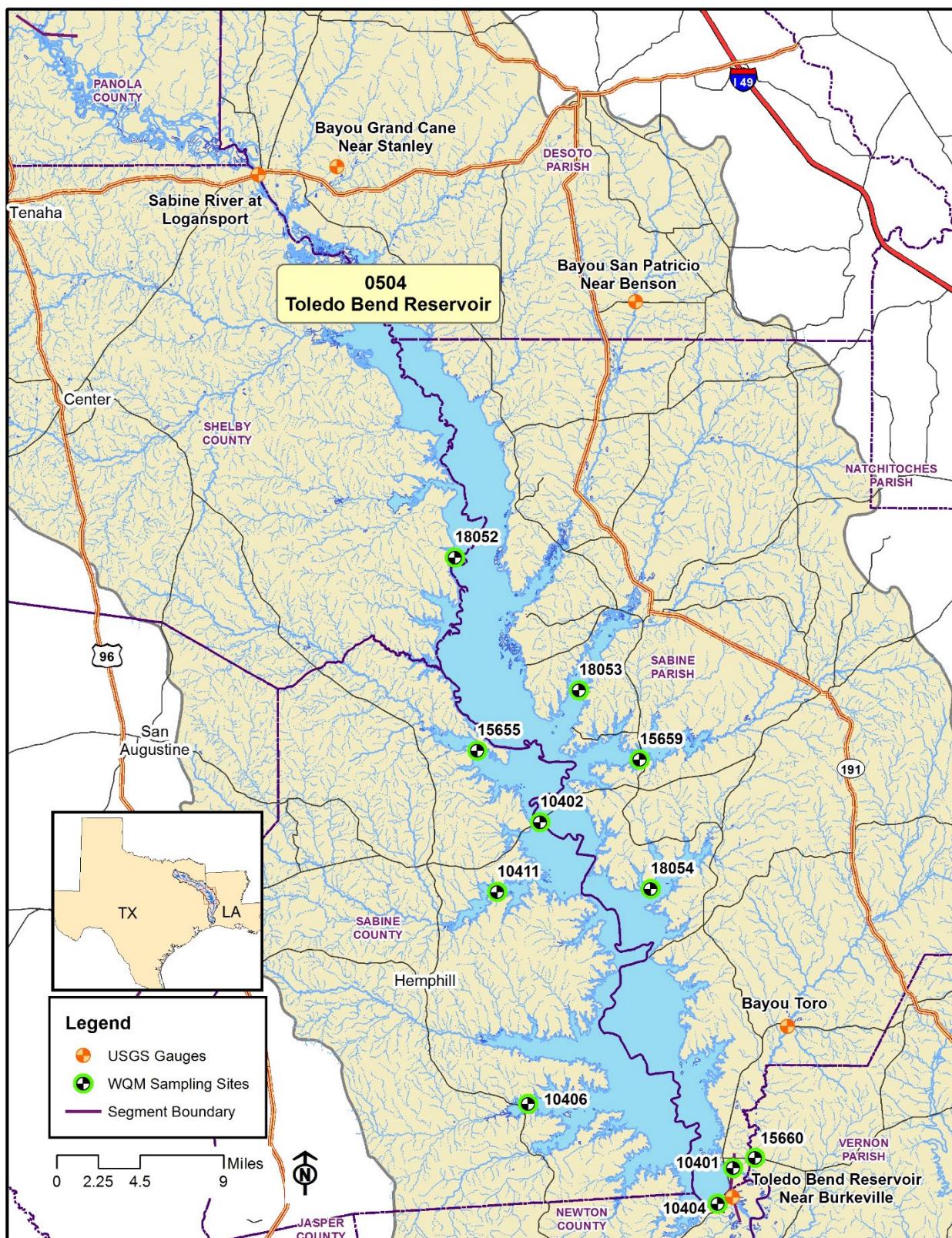


TOLEDO BEND RESERVOIR AT SH 21 NORTHEAST OF MILAM



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.

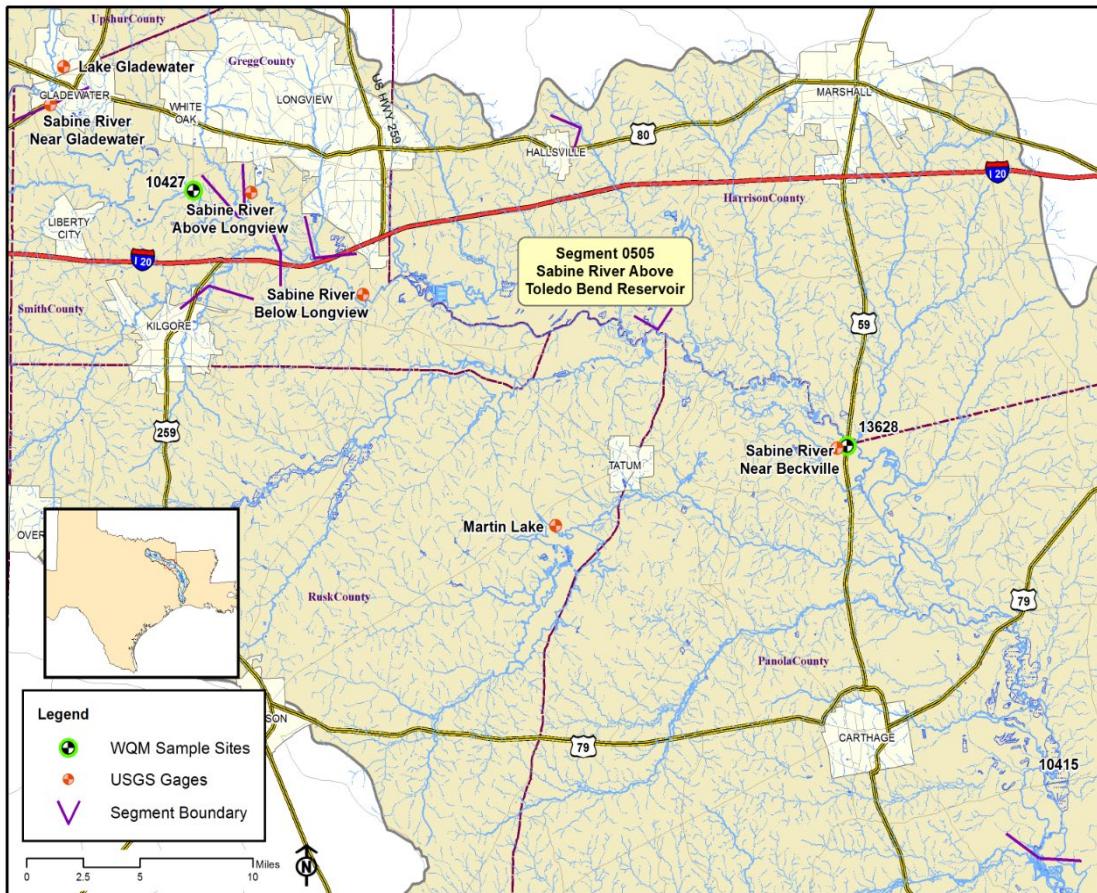
Segment 0505 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
6/12/24 09:39	13628(SR11)	08022040	Sabine River near Beckville, TX	20,000
6/12/24 08:53	10423(SR14)	08020990	Sabine River near Longview, TX	31,500

Segment 0505 Water Quality

Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond $\mu\text{S}/\text{cm}$	TDS mg/L	Secchi meters	Turbidity NTU	<i>E. coli</i> mpn/100mL
6/12/24 10:10	10415(SR10)	0.3	25.8	6.7	4.4	55	117	74	0.20	33.9	17
6/12/24 09:39	13628(SR11)	0.3	25.7	6.7	4.3	53	115	74	0.24	36.9	88
6/12/24 08:53	10423(SR14)	0.3	25.6	6.8	4.4	54	127	81	0.59	14.5	23
6/12/24 08:14	10427(SR16)	0.3	25.7	6.8	4.4	55	132	85	0.49	15.1	24

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)
6/12/24 07:43	10428(SR17)	08020000	Sabine River near Gladewater, TX	26,400
6/11/24 15:10	10429(SR19)	08019200	Sabine River near Hawkins, TX	18,700
6/11/24 14:20	10430(SR21)	08018500	Sabine River near Mineola, TX	8,600
Segment 0514				
6/11/24 15:33	10468(BS1)	08019500	Big Sandy Creek near Big Sandy, TX	606

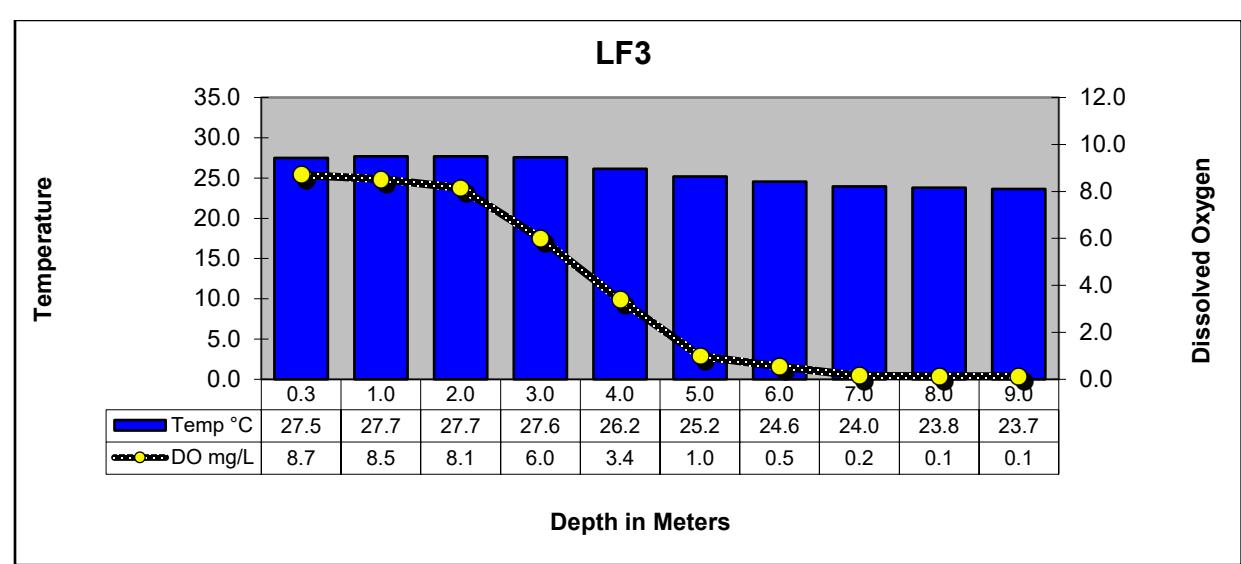
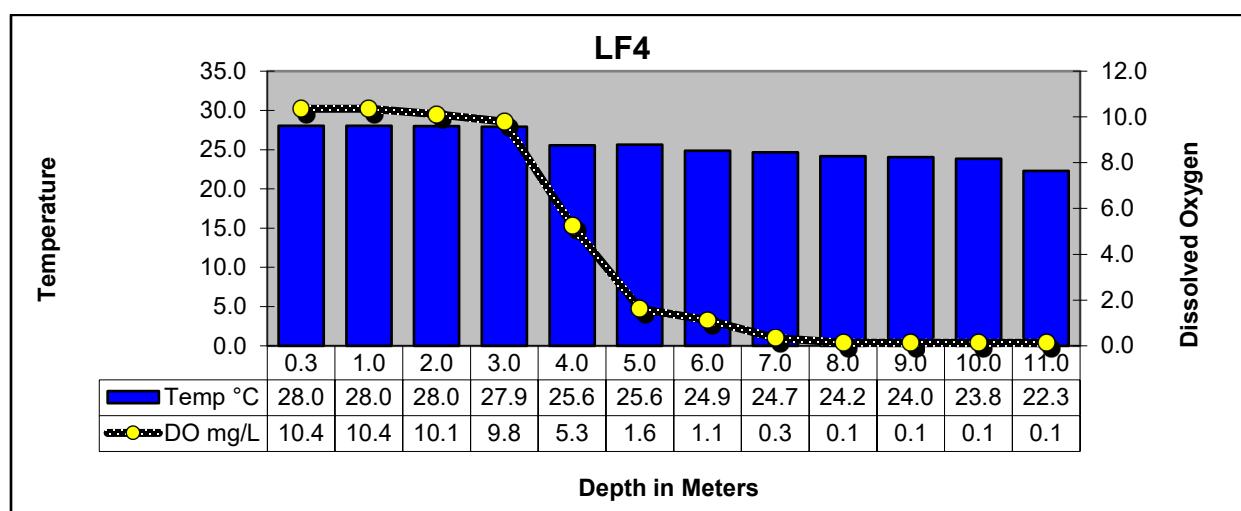
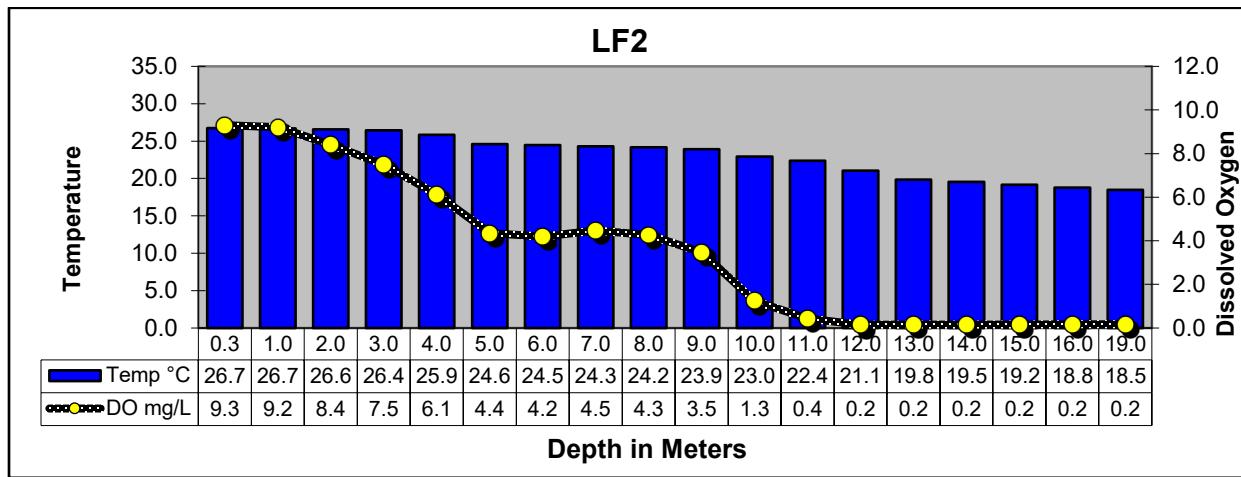
Segment 0506 Water Quality

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
6/12/24 07:43	10428(SR17)	0.3	25.6	6.8	3.6	45	140	89	0.70	8.24	29
6/11/24 15:10	10429(SR19)	0.3	26.4	7.4	3.8	47	155	99	0.72	11.9	27
6/11/24 14:20	10430(SR21)	0.3	26.6	7.5	5.8	73	202	130	0.85	9.04	17
Segment 0514											
6/11/24 15:33	10468(BS1)	0.3	25.8	7.1	5.3	66	121	77	0.67	19.7	41
Segment 0515											
6/11/24 14:47	10469(LF20)	0.3	25.8	7.4	4.8	60	119	108	0.83	8.84	29

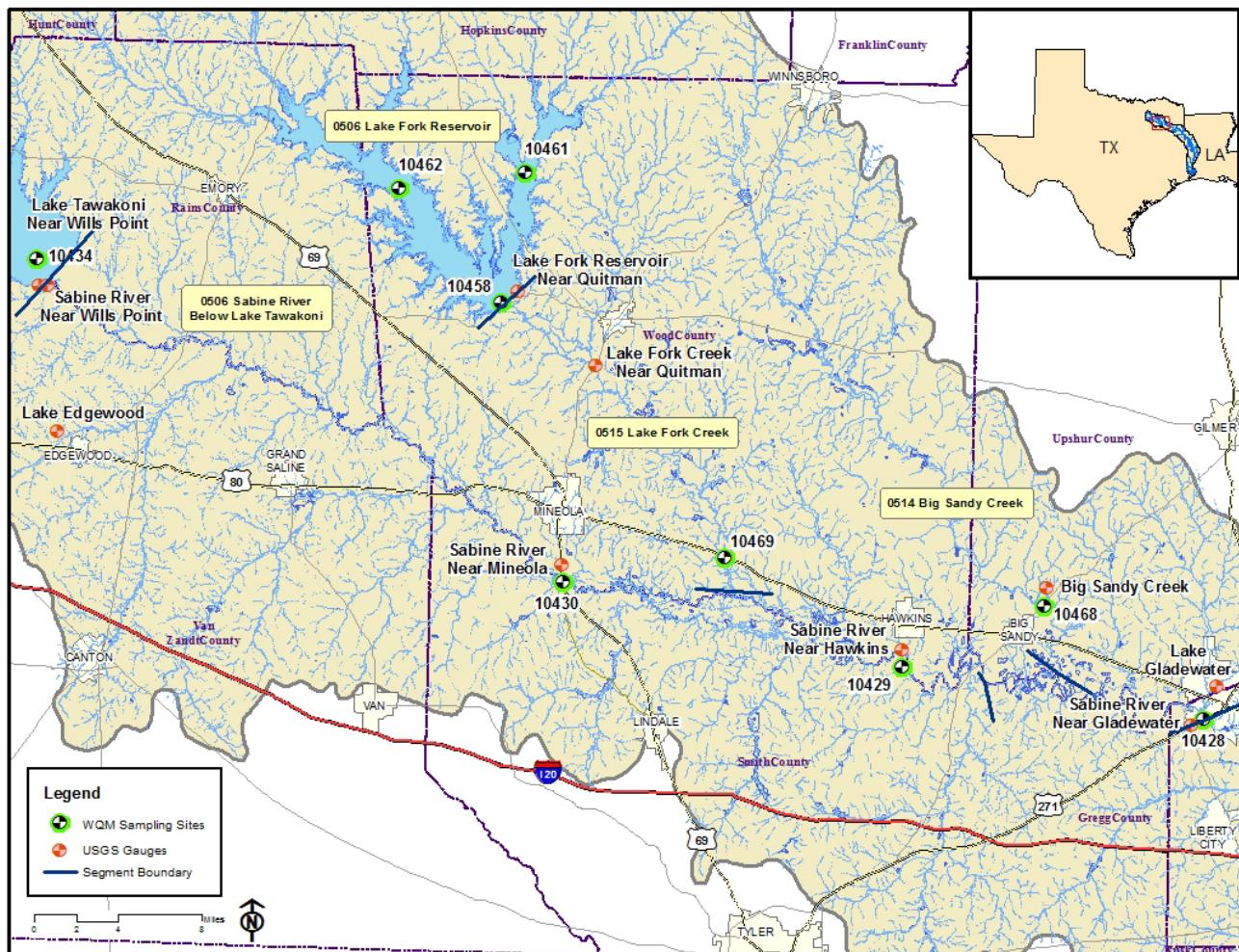
Segment 0506 Water Quality Continued

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											
6/11/24 12:42	10458(LF2)	0.3	26.7	8.7	9.3	118	159	102	0.97	6.73	1
		1.0	26.7	8.7	9.2	117	159	102			
		2.0	26.6	8.3	8.4	107	157	101			
		3.0	26.4	8.0	7.5	94	159	102			
		4.0	25.9	7.5	6.1	76	158	101			
		5.0	24.6	7.3	4.4	53	158	101			
		6.0	24.5	7.2	4.2	51	159	102			
		7.0	24.3	7.2	4.5	54	160	102			
		8.0	24.2	7.2	4.3	52	160	102			
		9.0	23.9	7.1	3.5	42	160	102			
		10.0	23.0	7.0	1.3	15	163	104			
		11.0	22.4	6.9	0.4	5	165	105			
		12.0	21.1	6.8	0.2	2	170	109			
		13.0	19.8	6.9	0.2	2	174	111			
		14.0	19.5	6.9	0.2	2	176	113			
		15.0	19.2	6.9	0.2	2	178	114			
		16.0	18.8	6.9	0.2	2	183	117			
		17.0	18.6	6.9	0.2	2	187	120			
		18.0	18.5	7.0	0.2	2	190	122			
		19.0	18.5	7.1	0.2	2	192	123			
6/11/24 11:40	10462(LF4)	0.3	28.0	9.3	10.4	134	158	101	0.72	5.76	2
		1.0	28.0	9.3	10.4	134	158	101			
		2.0	28.0	9.2	10.1	131	158	101			
		3.0	27.9	9.2	9.8	126	158	101			
		4.0	25.6	8.4	5.3	67	154	99			
		5.0	25.6	7.6	1.6	20	147	94			
		6.0	24.9	7.2	1.1	14	147	94			
		7.0	24.7	7.1	0.3	2	144	92			
		8.0	24.2	6.9	0.1	2	145	93			
		9.0	24.0	6.9	0.1	2	147	94			
		10.0	23.8	6.9	0.1	2	150	96			
		11.0	22.3	6.9	0.1	2	151	114			
6/11/24 12:03	10461(LF3)	0.3	27.5	8.7	8.7	112	151	97	0.65	7.99	1
		1.0	27.7	8.7	8.5	110	150	96			
		2.0	27.7	8.6	8.1	105	150	96			
		3.0	27.6	8.1	6.0	76	153	98			
		4.0	26.2	7.4	3.4	42	152	97			
		5.0	25.2	7.1	1.0	12	145	93			
		6.0	24.6	7.0	0.5	7	140	90			
		7.0	24.0	6.9	0.2	2	140	90			
		8.0	23.8	6.8	0.1	2	129	83			
		9.0	23.7	6.8	0.1	2	131	84			

Lake Fork Reservoir Profiles



Segments 0506, 0512, 0514 & 0515



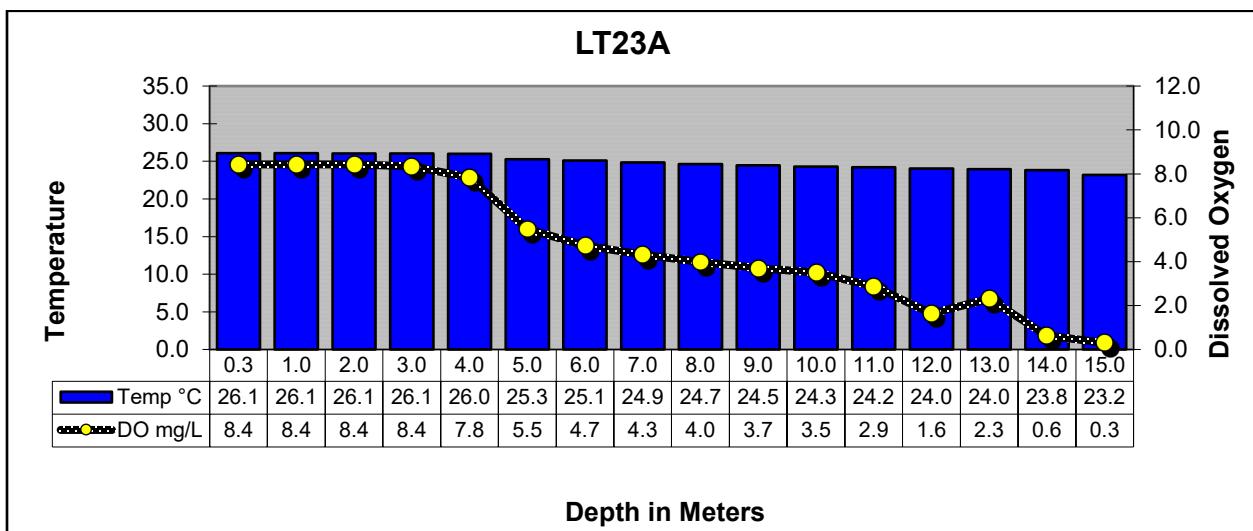
Segment 0507 - Lake Tawakoni

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.

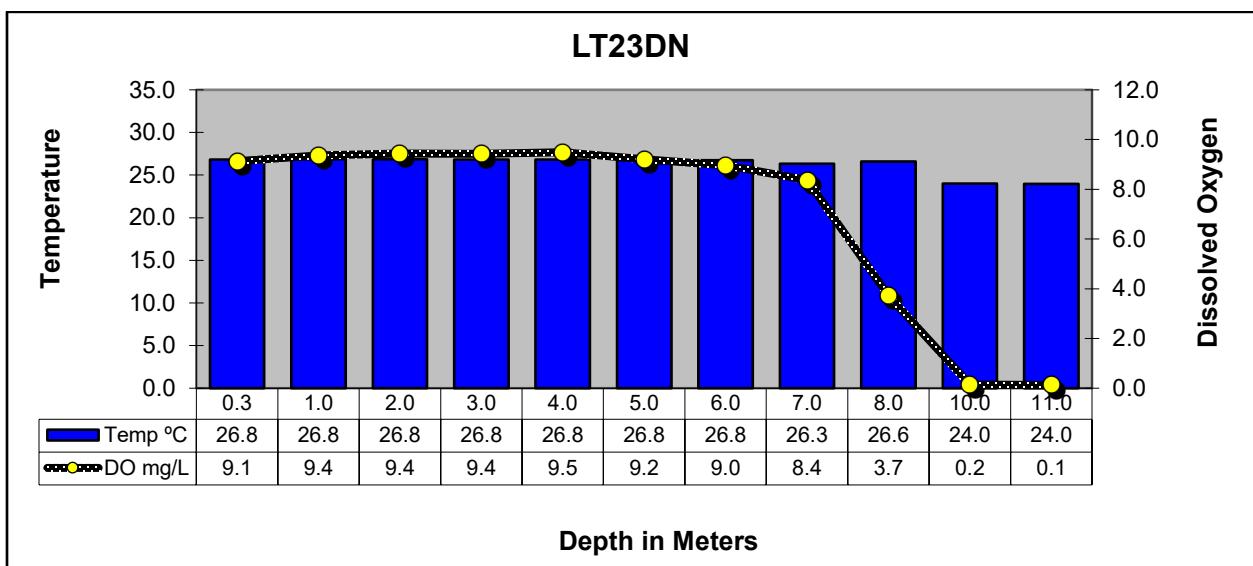
Segment 0507 Water Quality

Date and Time	Station	Depth meter s	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	E. coli mpn/100mL
6/11/24 10:38	10434(LT23A)	0.3	26.1	8.4	8.4	105	208	133	1.1	4.23	2
		1.0	26.1	8.4	8.4	106	208	133			
		2.0	26.1	8.4	8.4	106	208	133			
		3.0	26.1	8.4	8.4	105	208	133			
		4.0	26.0	8.2	7.8	97	208	133			
		5.0	25.3	7.8	5.5	68	208	134			
		6.0	25.1	7.7	4.7	58	208	134			
		7.0	24.9	7.6	4.3	53	209	134			
		8.0	24.7	7.5	4.0	47	210	134			
		9.0	24.5	7.5	3.7	45	211	135			
		10.0	24.3	7.5	3.5	42	211	135			
		11.0	24.2	7.4	2.9	35	210	134			
		12.0	24.0	7.3	1.6	20	206	132			
		13.0	24.0	7.3	2.3	28	210	135			
		14.0	23.8	7.3	0.6	7	199	127			
		15.0	23.2	7.2	0.3	4	214	138			
6/11/24 10:04	21173(LT23DN)	0.3	26.8	8.8	9.1	116	201	129	0.45	5.21	<1
		1.0	26.8	8.8	9.4	119	201	129			
		2.0	26.8	8.8	9.4	120	201	129			
		3.0	26.8	8.8	9.4	120	201	129			
		4.0	26.8	8.8	9.5	120	201	129			
		5.0	26.8	8.8	9.2	117	201	129			
		6.0	26.8	8.7	9.0	113	201	129			
		7.0	26.3	8.5	8.4	101	200	128			
		8.0	26.6	7.9	3.7	43	190	123			
		9.0	24.5	7.4	0.5	6	182	117			
		10.0	24.0	7.3	0.2	2	175	112			
		11.0	24.0	7.2	0.1	2	175	112			
6/11/24 09:38	10437(LT23B)	0.3	28.0	8.8	8.3	107	197	126	0.97	6.78	1
		1.0	27.9	8.8	8.2	106	197	126			
		2.0	27.9	8.8	8.2	106	197	126			
		3.0	27.9	8.7	8.1	105	197	126			
		4.0	27.7	8.7	7.8	100	197	126			
		5.0	27.6	8.6	7.6	99	197	126			
		6.0	25.4	7.9	3.7	46	186	119			
		7.0	24.8	7.5	2.7	34	190	122			
		8.0	24.3	7.4	1.6	20	182	116			
		9.0	24.0	7.2	0.6	6	163	104			
		10.0	23.6	7.1	0.1	2	156	100			

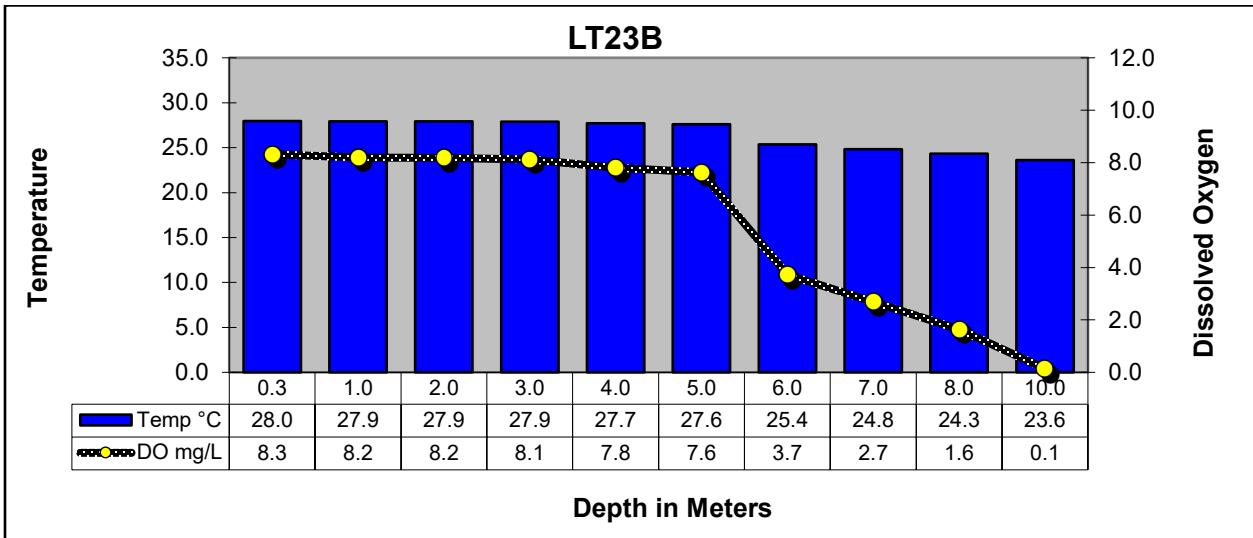
Lake Tawakoni Reservoir Profiles



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

