
SABINE RIVER AUTHORITY OF TEXAS

TO: INTERESTED PARTIES
FROM: ENVIRONMENTAL SERVICES DIVISION
RE: NOVEMBER 2023 MONTHLY WATER QUALITY REPORT

The Environmental Services Field Offices conducted water quality monitoring in the Sabine Basin from November 13th through the 16th. 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 mild with highs in the upper 60s to mid 80s. Low temperatures were in the mid 50s to low 60s. The tidal stations received 1.41 inches of rainfall in the seven days prior to the sampling event. **Tidal Conditions** – Surface salinity values were greater than 1 ppt at all seven tidal stations. The highest salinity value of 23.3 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 mild with highs in the upper 50s to mid 80s. Low temperatures were in the mid 50s to low 60s. Toledo Bend received 0.67 inches of rainfall during the seven days prior to the sampling event. **Lake Level** - The level of Toledo Bend was 167.70 feet with a daily average discharge of 230 cfs on the day of sampling. Toledo Bend has a conservation pool level of 172 feet msl. Reservoir profiles indicate a mixed 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 mild with highs in the low 60s to upper 70s. Low temperatures were in the mid 30s to mid 60s. Lake Fork and Lake Tawakoni received 1.61 and 1.16 inches of rain, respectively during the seven days prior to sampling.

Lake Level - The level of Lake Tawakoni was 437.04 feet msl with a release of 6 cfs on the day of sampling. The level of Lake Fork was 400.99 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 mixed 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:

- Pollie Holtham, Environmental Services Division Manager
409-746-3284 (pholtham@sratx.org)
- *Lower and Tidal Sabine Basin*
Jerry Wiegreffe, Environmental Services Assistant Division Manager
409-746-3284 (jwiegreffe@sratx.org)
- *Upper Sabine Basin*
Luke Sanders, Senior Biologist
903-878-7734 (lsander@sratx.org)

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

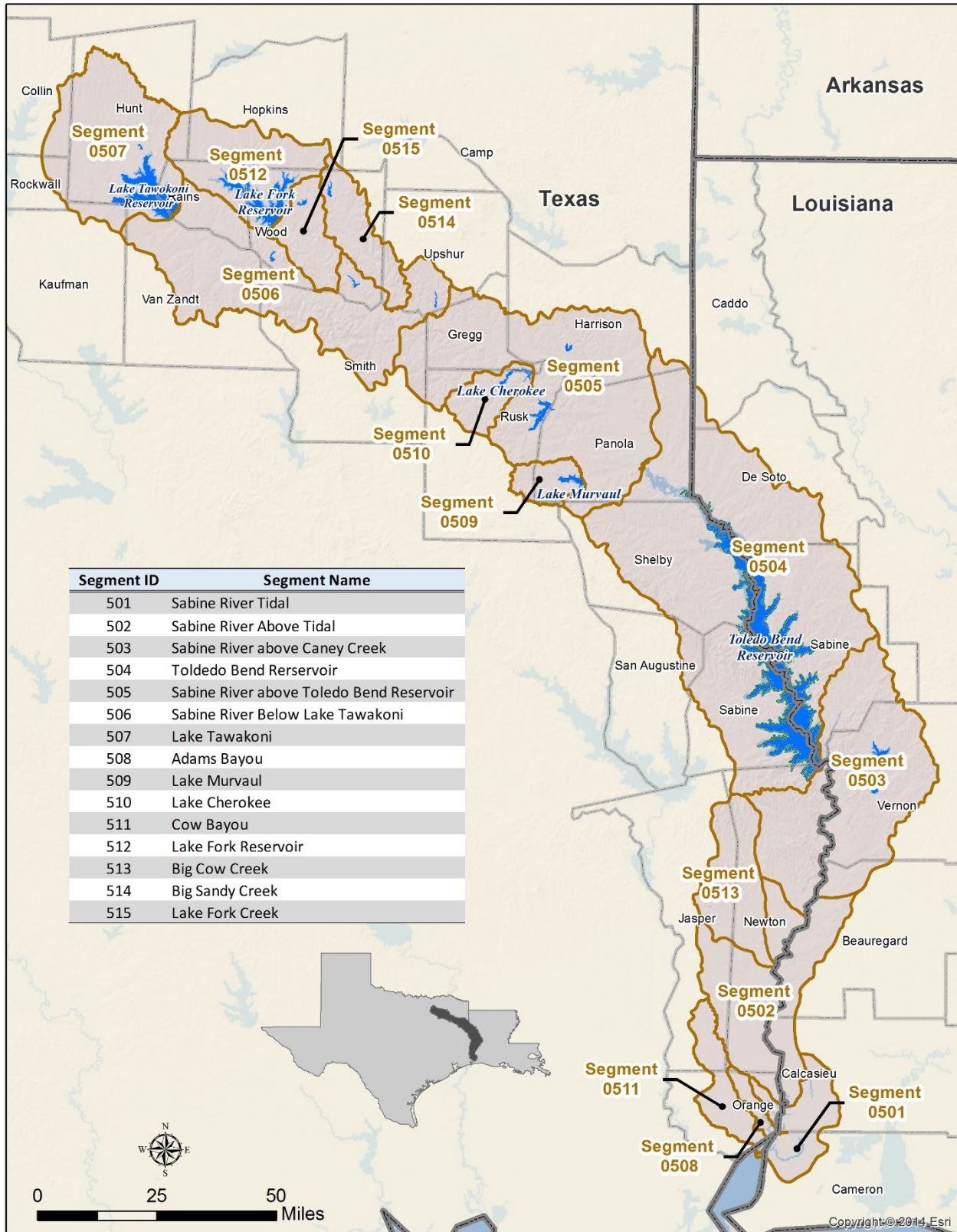
Table of Contents

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

Table of Figures

Sabine Basin Map	3
Segment 0501	6
Segment 0502.....	7
Segment 0503.....	8
Toledo Bend Reservoir Profiles	12
Segment 0504.....	13
Segment 0505.....	14
Lake Fork Reservoir Profiles.....	17
Segment 0506.....	18
Lake Tawakoni Reservoir Profiles	20
Segment 0507.....	21

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 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.

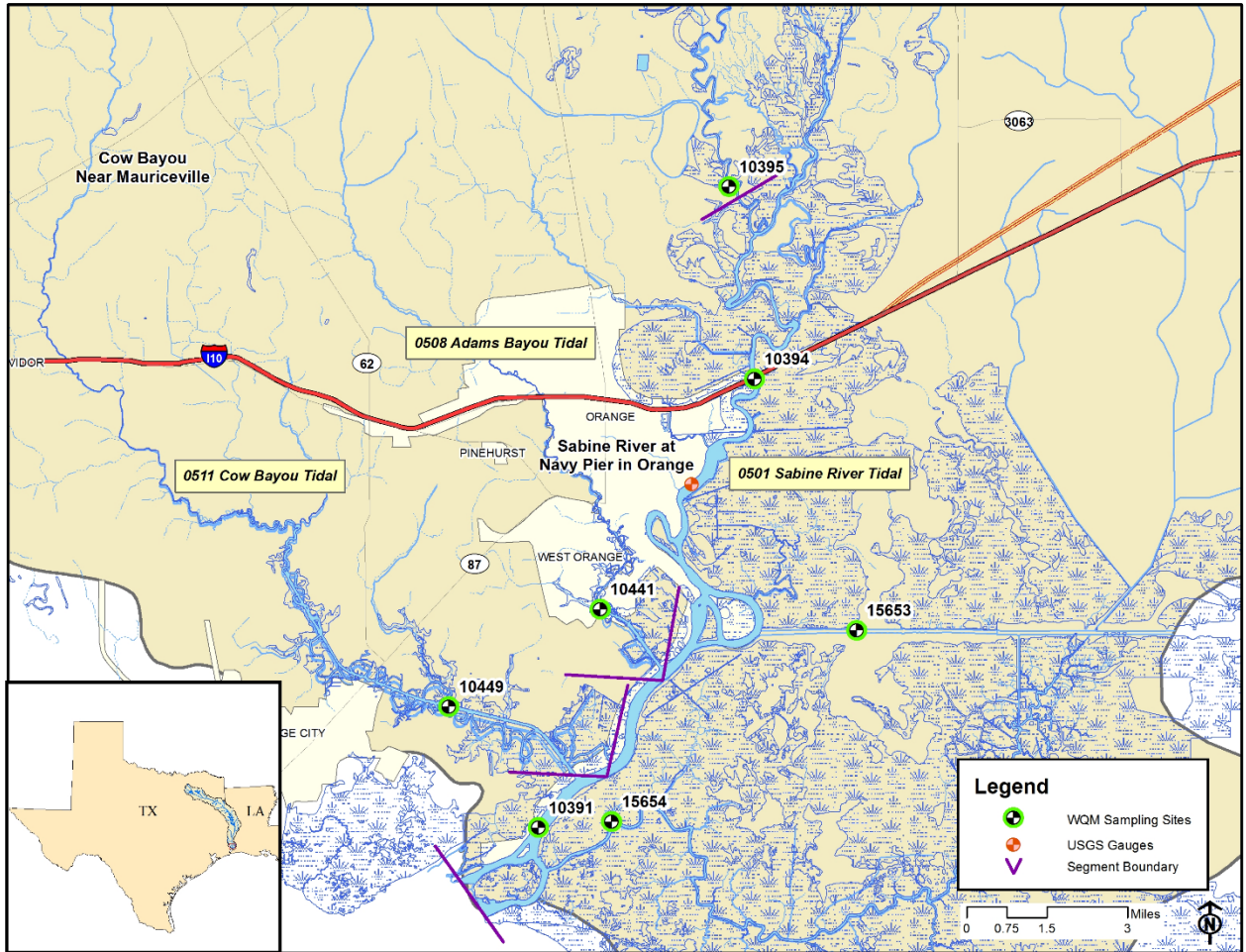
Segment 0508 – Adams Bayou Tidal. The segment reaches from the confluence with the Sabine River in Orange County to a point 1.1 kilometers (0.7 miles) upstream of IH-10 in Orange County.

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
11/16/23 09:45	10391 (SRT1)	0.3	18.3	7.9	7.2	87	32,700	20,900	20.4	1.0	5.61	20
		2.0	18.3	7.9	7.2	86	32,800	21,000	20.5			
		4.0	18.4	8.1	7.2	87	33,400	21,300	20.8			
		6.0	18.5	8.3	7.2	88	34,900	22,300	22.0			
		8.0	18.5	8.3	7.2	87	35,500	22,800	22.4			
		10.0	18.7	8.6	7.1	86	36,800	23,600	23.3			
11/16/23 09:15	15654 (BB1)	0.3	17.7	8.2	7.0	84	34,000	21,700	21.3	1.2	4.37	75
		1.5	17.8	8.2	7.2	86	34,100	21,800	21.4			
		3.0	17.8	8.2	7.2	86	34,200	21,900	21.5			
Segment 0511												
11/16/23 08:55	10449 (CB1)	0.3	18.3	7.3	6.5	76	27,100	17,400	16.6	0.82	6.14	160
		1.0	18.3	8.8	6.4	75	27,300	17,400	16.7			
		2.0	18.6	8.8	6.1	73	28,100	18,100	17.4			
Segment 0508												
11/16/23 10:21	10441 (AB2)	0.3	18.7	7.8	4.2	49	25,900	16,100	15.2	0.85	5.42	275
		2.0	19.0	8.2	5.5	66	28,200	18,000	17.3			
		4.0	19.0	8.4	5.6	67	28,400	18,200	17.5			
11/16/23 10:42	15653 (ICW1)	0.3	18.5	7.9	6.8	80	28,100	18,000	17.3	0.59	13.2	203
		2.0	18.5	8.2	6.8	80	28,100	18,000	17.3			
		4.0	18.5	8.7	6.8	80	28,100	18,000	17.3			
		6.0	18.5	8.8	6.7	79	28,100	18,000	17.3			
11/16/23 11:42	10394 (SRT2)	0.3	19.1	7.1	7.5	21	12,900	8,440	7.6	0.71	8.75	31
		2.0	20.1	8.1	2.0	24	25,600	16,400	15.6			
		4.0	20.3	8.5	2.7	34	29,800	19,100	18.4			
		6.0	20.3	8.8	3.5	43	31,100	19,900	19.3			
		8.0	20.3	8.9	3.9	49	31,600	20,200	19.6			
11/16/23 12:15	10395 (SR1)	0.3	19.2	7.2	2.5	28	7,530	4,790	4.2	0.34	13.9	31

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.

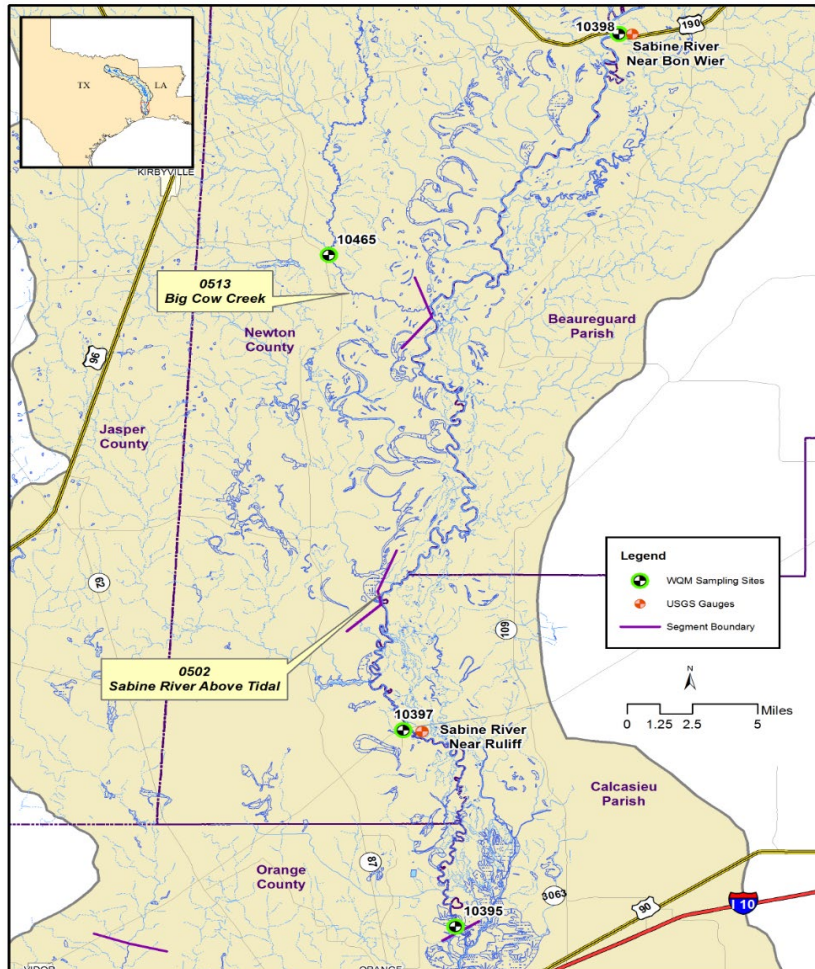
Segment 0502 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
11/15/23 08:06	10397(SR2)	08030500	Sabine River near Ruliff, TX	670

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	<i>E.coli</i> mpn/100mL
11/15/23 08:06	10397 (SR2)	0.3	17.9	7.5	8.5	90	274	175	0.26	30.4	25
Segment 0513											
11/15/23 09:24	10465 (BCC1)	0.3	16.7	6.5	8.9	91	36	23	0.84	10.8	117

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.

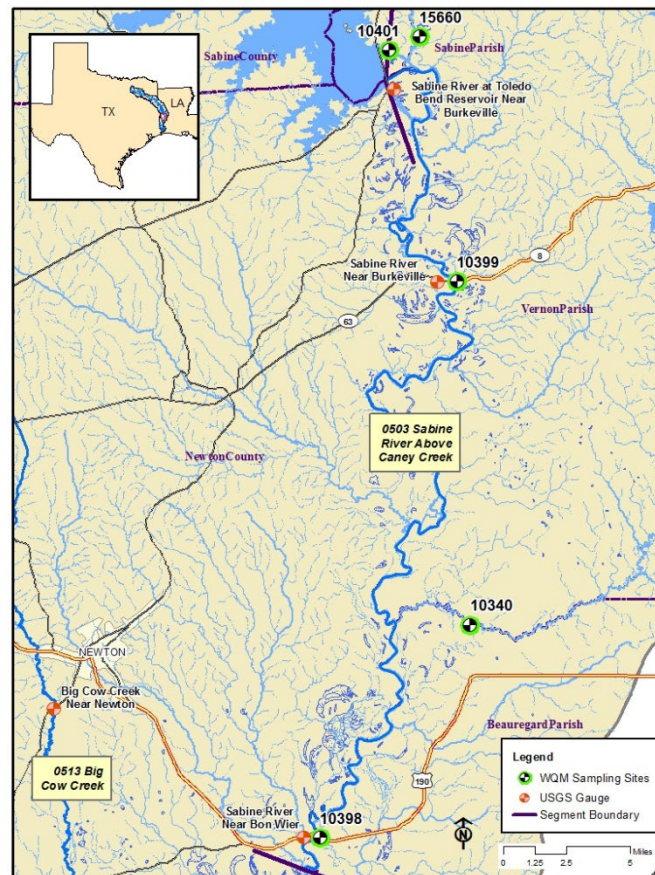
Segment 0503 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
11/15/23 11:53	10398(SR3)	08028500	Sabine River near Bon Wier, TX	452
11/15/23 10:45	10399(SR5)	08026000	Sabine River near Burkeville, TX	276

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
11/15/23 11:53	10398 (SR3)	0.3	17.8	8.3	9.0	94	356	228	0.60	9.66	18
11/15/23 11:30	10340 (BA4)	0.3	18.3	8.3	7.6	80	1,200	765	0.36	15.4	68
11/15/23 10:45	10399 (SR5)	0.3	17.9	8.3	9.4	98	152	98	1.0	4.79	6
11/13/23 12:14	10401 (TB6S)	0.3	19.4	7.6	9.3	100	163	104	>1.2	1.66	1
11/13/23 11:57	15660 (BT1)	0.3	17.3	7.3	8.1	84	106	68	>1.2	4.39	28

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
11/14/23 13:17	10404 (TB6A)	0.3	19.2	7.6	7.5	81	161	103	1.6	1.88	4
		1.0	19.2	8.8	7.5	80	161	103			
		2.0	19.2	8.8	7.5	81	161	104			
		3.0	19.2	8.8	7.5	81	162	104			
		4.0	19.2	8.9	7.5	80	162	103			
		5.0	19.2	9.0	7.5	80	162	104			
		8.0	19.2	9.1	7.4	80	162	104			
		11.0	19.2	9.2	7.4	80	162	104			
		14.0	19.1	9.4	7.4	80	162	104			
		17.0	19.1	9.5	7.3	76	162	104			
		20.0	19.1	9.7	7.4	80	162	104			
		23.0	19.0	9.9	6.7	72	163	104			
		26.0	18.9	10.2	6.0	63	164	105			
		27.0	18.9	10.3	4.4	48	164	105			
11/14/23 07:54	10406 (TB6C)	0.3	18.7	7.5	8.4	89	163	105	0.79	6.03	<1
		1.0	18.7	7.5	8.4	89	163	104			
		2.0	18.7	7.4	8.4	89	163	104			
		3.0	18.7	7.4	8.4	89	163	104			
11/14/23 11:15	18054 (TB6Q)	0.3	19.2	7.2	6.3	68	165	106	1.1	3.94	<1
		1.0	19.2	7.2	6.3	68	166	106			
		2.0	19.2	7.2	6.3	67	165	106			
		3.0	19.2	7.1	6.2	67	165	106			
		4.0	19.2	7.1	6.2	67	165	106			
		5.0	19.2	7.1	6.2	67	165	106			
		6.0	19.2	7.0	6.2	67	165	106			
		7.0	19.2	7.0	6.2	67	165	106			
		8.0	19.2	7.9	6.1	65	166	106			

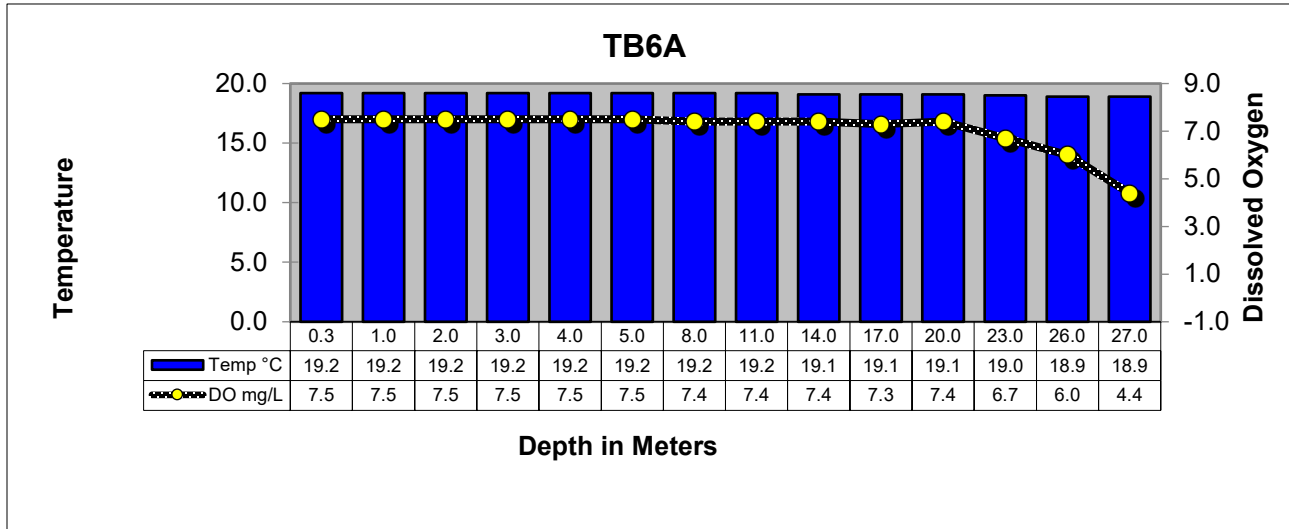
Segment 0504 Water Quality Continued

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
11/13/23 10:10	10411 (TB6F)	0.3	18.8	7.6	8.4	89	160	102	0.63	6.72	4
		1.0	18.8	7.6	8.4	89	160	102			
		2.0	18.8	7.5	8.4	90	160	102			
		3.0	18.8	7.5	8.4	89	160	103			
		4.0	18.8	7.4	8.4	89	160	102			
11/14/23 09:06	10402 (TB6H)	0.3	18.8	7.2	6.8	73	167	107	1.2	3.27	<1
		1.0	18.8	7.2	6.8	72	167	107			
		2.0	18.8	7.4	6.8	73	167	107			
		3.0	18.8	7.5	6.8	72	167	107			
		4.0	18.8	7.6	6.8	72	167	107			
		5.0	18.8	7.6	6.8	72	167	107			
		8.0	18.8	8.0	6.8	72	167	107			
		11.0	18.8	8.3	6.8	72	168	107			
		14.0	18.8	8.5	6.8	73	167	107			
		17.0	18.7	8.8	7.0	75	168	107			
		20.0	18.6	9.3	6.0	66	168	107			
11/13/23 10:37	15659 (TB6K)	0.3	18.9	7.5	7.0	75	169	109	0.53	7.66	1
		1.0	18.9	7.4	7.0	75	169	109			
		2.0	18.9	7.3	7.0	75	169	108			
		3.0	18.9	7.3	7.0	74	170	108			
		4.0	18.9	7.2	7.0	74	170	108			
		5.0	18.9	7.2	7.0	74	169	108			
		6.0	18.9	7.1	7.0	74	170	109			
		7.0	18.9	7.1	6.9	74	170	109			
		8.0	18.9	7.1	7.0	74	171	109			
11/13/23 09:36	15655 (TB6J)	0.3	18.4	7.6	8.4	89	171	110	0.56	6.84	2
		1.0	18.4	7.6	8.4	89	171	110			
		2.0	18.4	7.6	8.4	89	172	110			
		3.0	18.4	7.6	8.4	89	172	110			

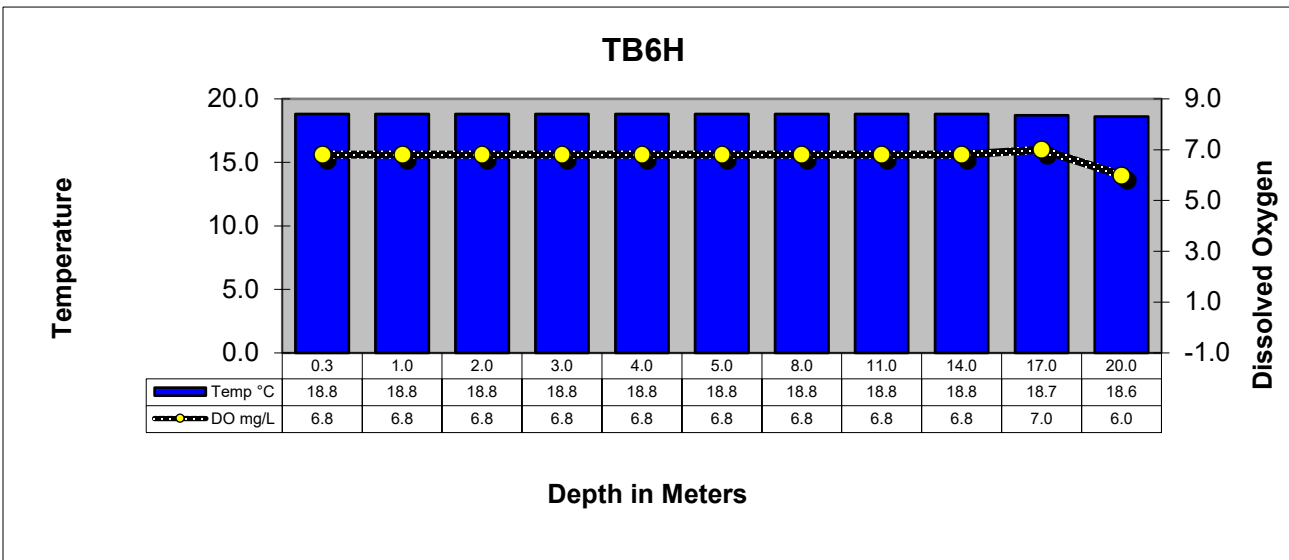
Segment 0504 Water Quality Continued

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	
11/14/23 10:15	18053 (TB6LN)	0.3	18.7	7.4	6.8	72	167	107	0.73	8.43	<1	
		1.0	18.7	7.3	6.8	72	168	108				
		2.0	18.7	7.2	6.8	73	168	107				
		3.0	18.7	7.2	6.8	72	168	108				
		4.0	18.7	7.2	6.8	72	167	107				
		5.0	18.7	7.1	6.7	71	168	107				
	18052 (TB6R)											
			No samples or water quality taken at this site. Unable to launch boat due to shallow water.									

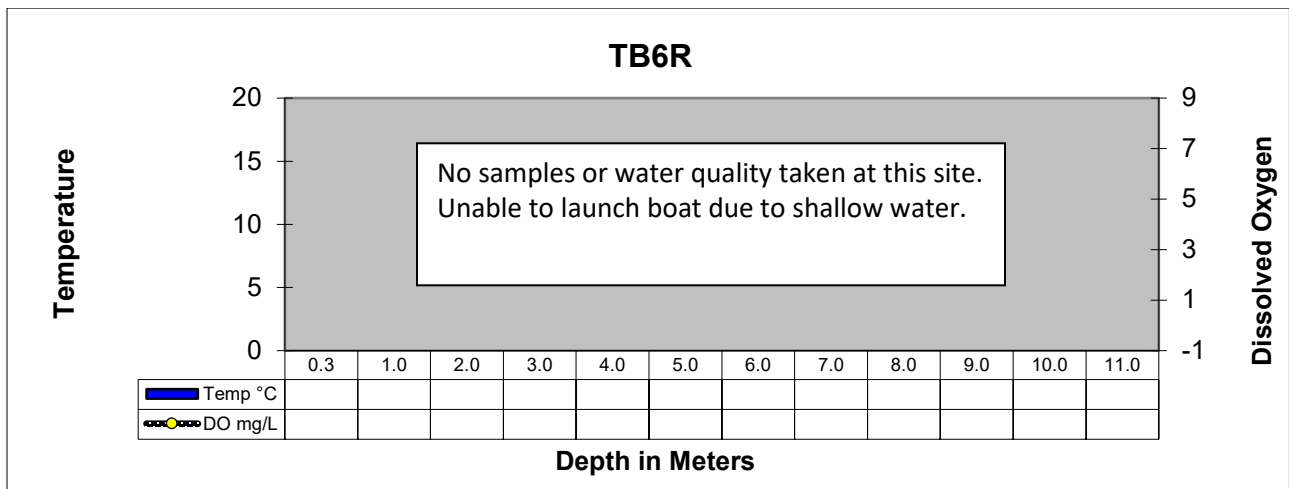
Toledo Bend Reservoir Profiles



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

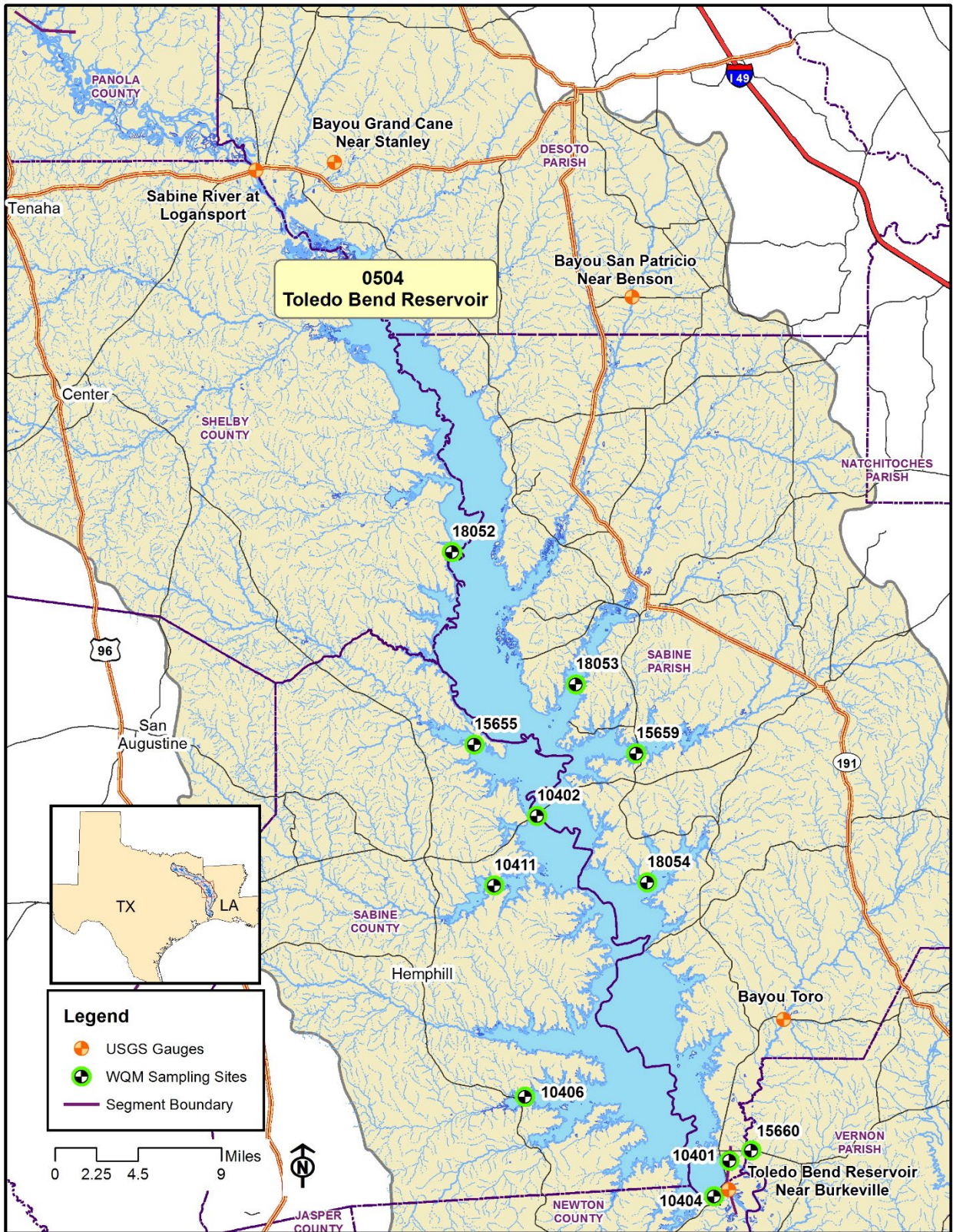


TOLEDO BEND RESERVOIR AT SH 21 NORTHEAST OF MILAM



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.

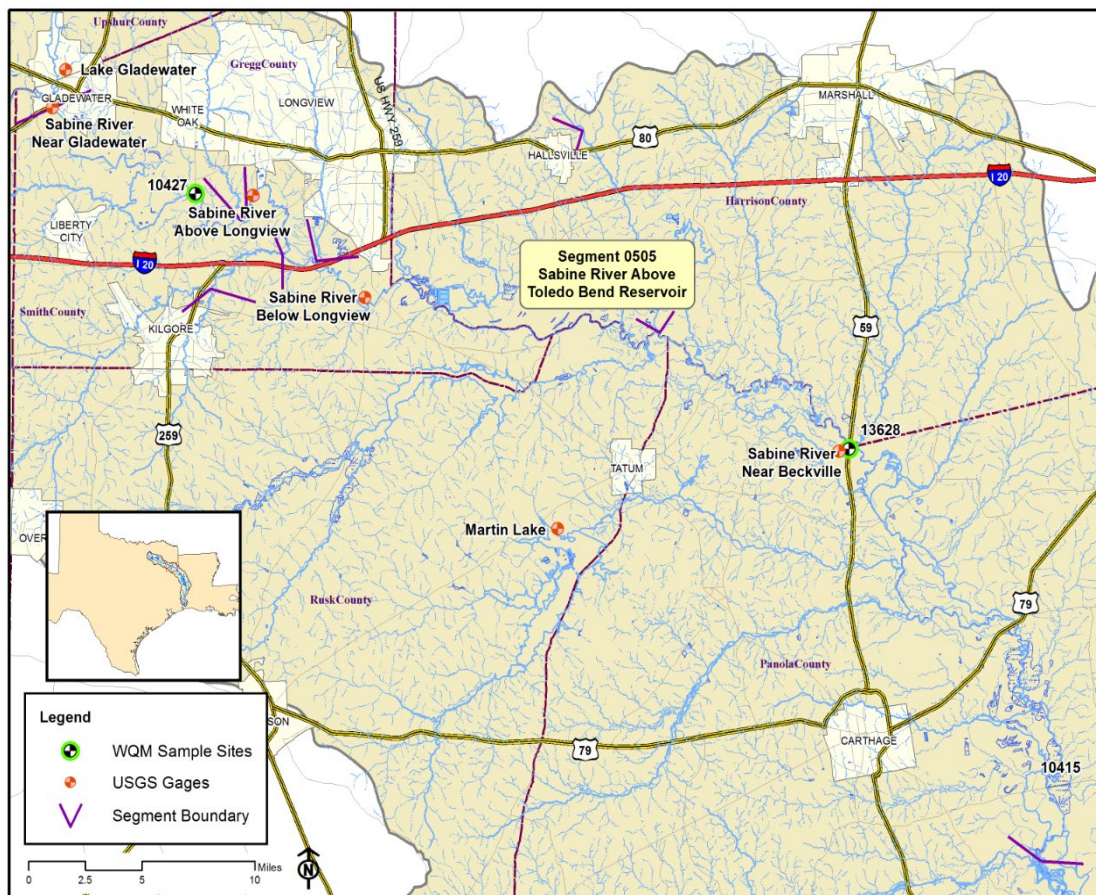
Segment 0505 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
11/15/23 10:03	13628(SR11)	08022040	Sabine River near Beckville, TX	513
11/15/23 08:55	10423(SR14)	08020990	Sabine River near Longview, TX	534

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
11/15/23 10:31	10415(SR10)	0.3	16.2	7.6	5.7	89	302	193	0.24	61.2	38
11/15/23 10:03	13628(SR11)	0.3	15.7	7.5	8.8	90	265	170	0.26	52.7	30
11/15/23 08:55	10423(SR14)	0.3	15.4	7.3	8.7	89	222	142	0.20	68.0	65
11/15/23 09:19	10427(SR16)	0.3	15.2	7.3	8.6	87	210	135	0.20	71.7	32

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)
11/15/23 10:31	10428(SR17)	08020000	Sabine River near Gladewater, TX	528
11/14/23 14:22	10429(SR19)	08019200	Sabine River near Hawkins, TX	350
11/14/23 13:38	10430(SR21)	08018500	Sabine River near Mineola, TX	113
Segment 0514				
11/14/23 14:43	10468(BS1)	08019500	Big Sandy Creek near Big Sandy, TX	133

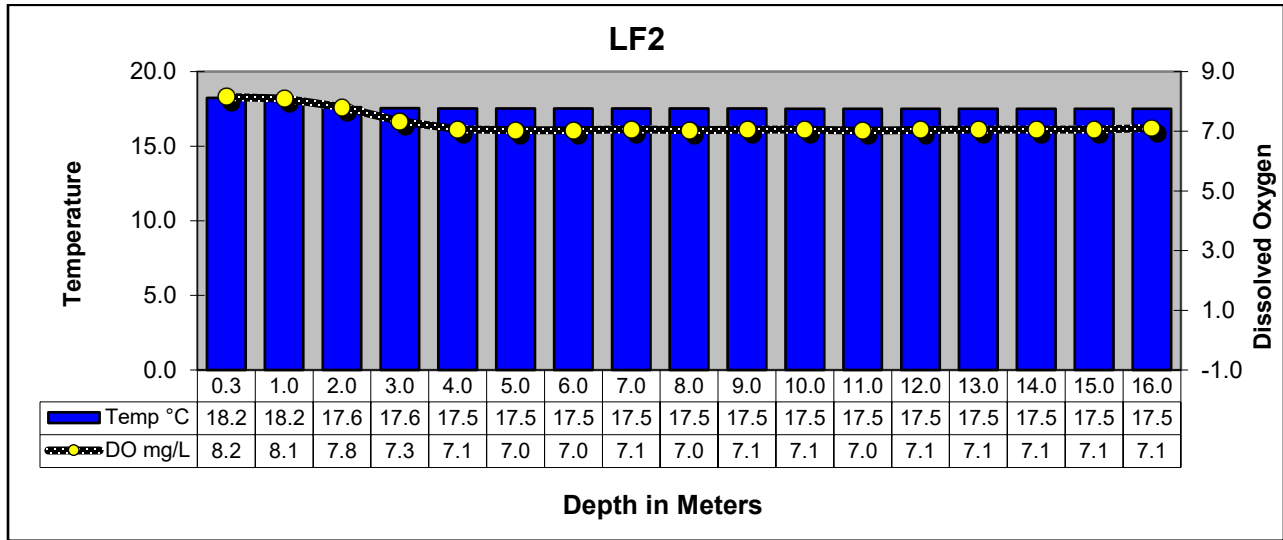
Segment 0506 Water Quality

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
11/15/23 10:31	10428(SR17)	0.3	15.0	7.2	8.7	87	250	160	0.15	44.0	61
11/14/23 14:22	10429(SR19)	0.3	16.4	7.4	8.4	87	250	160	0.17	82.8	102
11/14/23 13:38	10430(SR21)	0.3	15.7	8.2	7.6	78	272	174	0.17	57.7	161
Segment 0514											
11/14/23 14:43	10468(BS1)	0.3	15.3	7.2	8.2	83	144	92	0.75	16.6	122
Segment 0515											
11/14/23 08:09	10469(LF20)	0.3	15.8	7.5	8.1	82	250	160	0.25	45.9	114

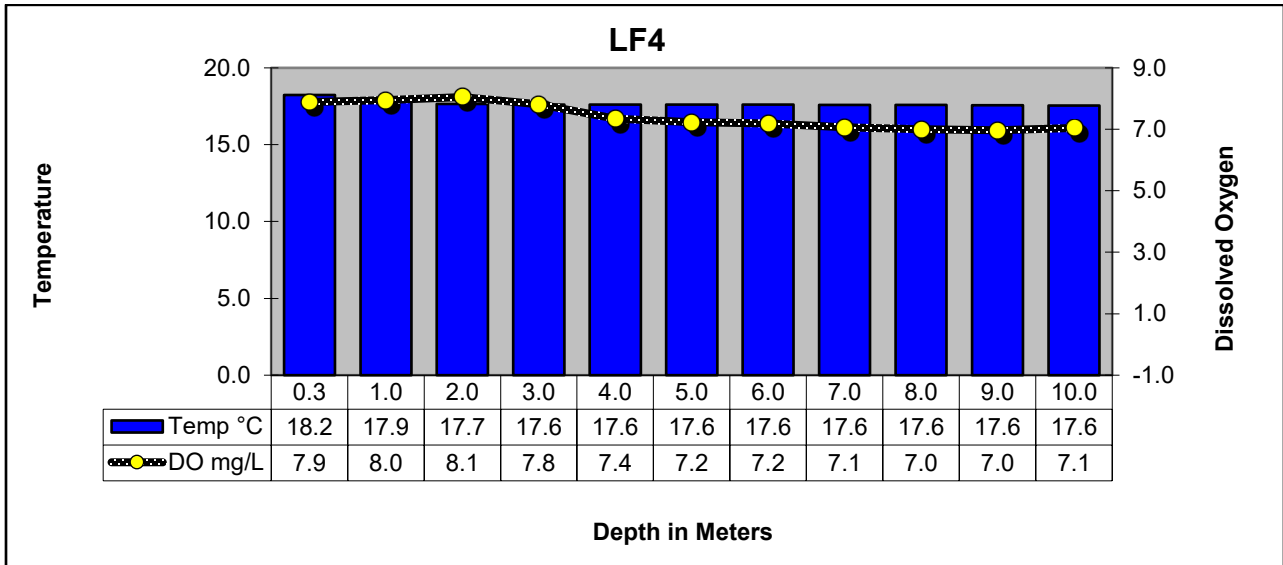
Segment 0506 Water Quality Continued

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											
11/14/23 12:28	10458(LF2)	0.3	18.2	7.5	8.2	88	180	115	0.96	3.65	2
		1.0	18.2	7.6	8.1	87	179	115			
		2.0	17.6	7.6	7.8	81	179	115			
		3.0	17.6	7.6	7.3	77	179	115			
		4.0	17.5	7.5	7.1	75	179	115			
		5.0	17.5	7.4	7.0	75	179	115			
		6.0	17.5	7.4	7.0	75	179	115			
		7.0	17.5	7.4	7.1	75	179	115			
		8.0	17.5	7.4	7.0	75	179	115			
		9.0	17.5	7.4	7.1	75	179	115			
		10.0	17.5	7.4	7.1	75	179	115			
		11.0	17.5	7.4	7.0	75	179	115			
		12.0	17.5	7.4	7.1	75	179	115			
		13.0	17.5	7.5	7.1	75	179	115			
		14.0	17.5	7.5	7.1	75	179	115			
		15.0	17.5	7.4	7.1	75	179	115			
		16.0	17.5	7.5	7.1	75	179	115			
11/14/23 11:34	10462(LF4)	0.3	18.2	8.4	7.9	85	180	115	0.86	5.42	2
		1.0	17.9	7.8	8.0	85	180	115			
		2.0	17.7	7.8	8.1	86	180	115			
		3.0	17.6	7.7	7.8	82	180	115			
		4.0	17.6	7.6	7.4	78	180	115			
		5.0	17.6	7.5	7.2	77	180	115			
		6.0	17.6	7.5	7.2	76	180	115			
		7.0	17.6	7.5	7.1	75	180	115			
		8.0	17.6	7.5	7.0	75	180	115			
		9.0	17.6	7.5	7.0	74	180	115			
		10.0	17.6	7.5	7.1	75	180	115			
11/14/23 11:51	10461(LF3)	0.3	18.2	7.6	7.4	79	180	115	0.69	7.06	<1
		1.0	17.9	7.3	7.3	78	180	115			
		2.0	17.6	7.3	7.0	74	180	115			
		3.0	17.6	7.3	6.9	72	180	115			
		4.0	17.5	7.4	6.6	70	180	115			
		5.0	17.5	7.4	6.8	72	180	115			
		6.0	17.5	7.4	7.1	76	180	115			
		7.0	17.4	7.4	7.2	76	180	115			
		8.0	17.4	7.4	7.1	75	180	115			

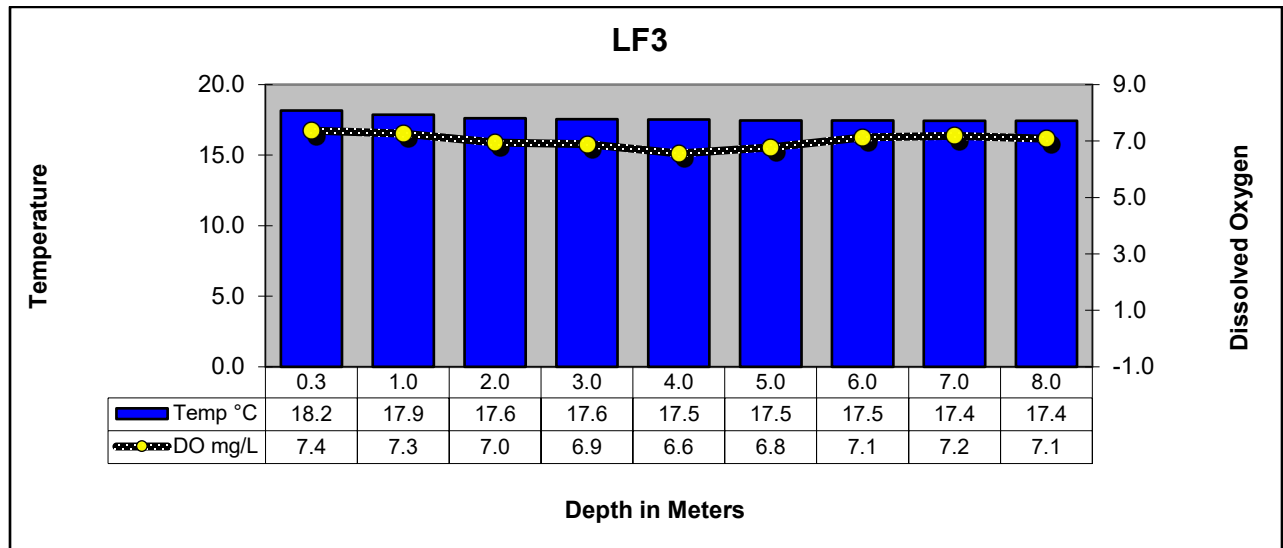
Lake Fork Reservoir Profiles



LAKE FORK RESERVOIR NEAR DAM IN CREEK CHANNEL

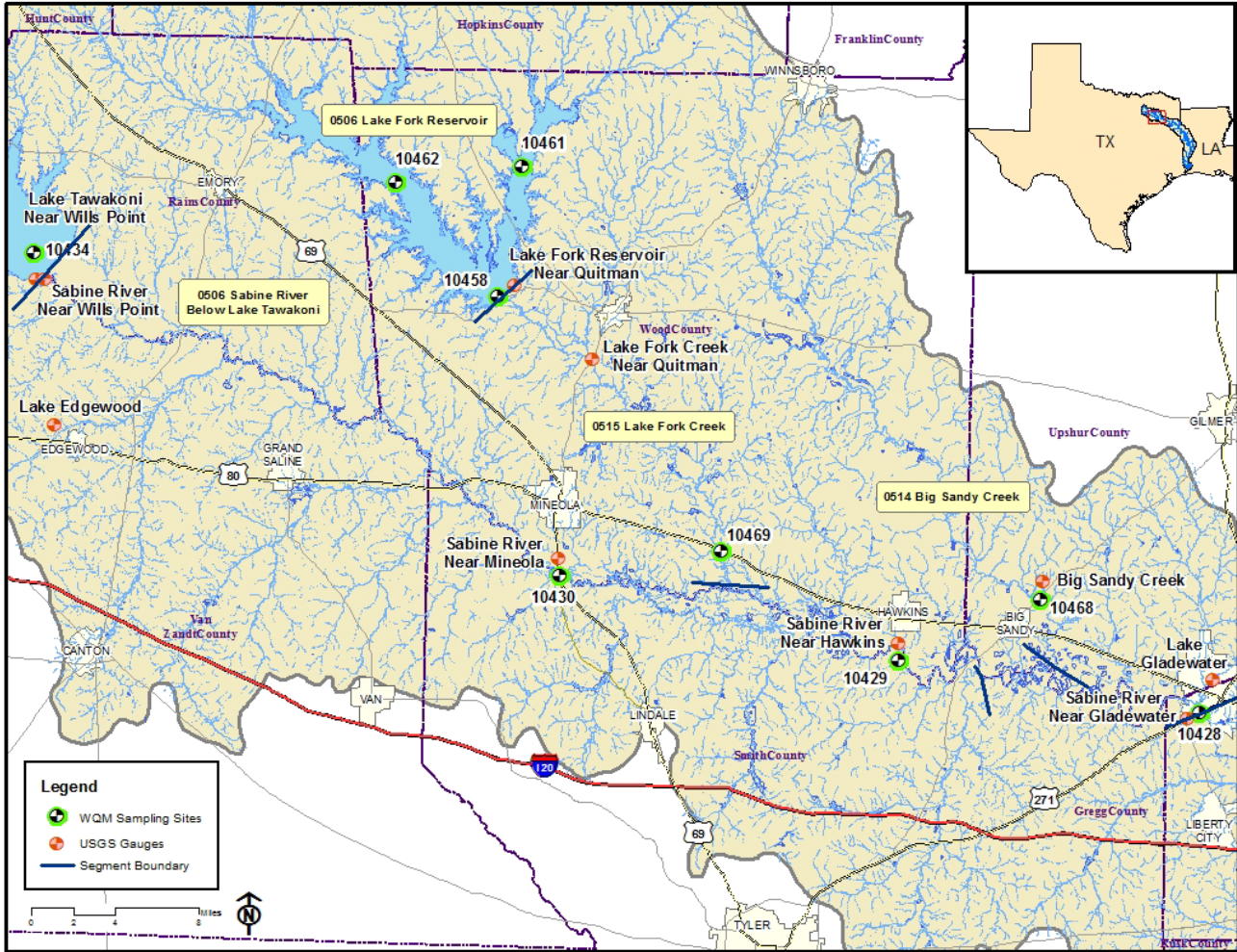


LAKE FORK RESERVOIR MID-COVE IN LAKE FORK CREEK ARM AT FM515



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

Segments 0506, 0512, 0514 & 0515



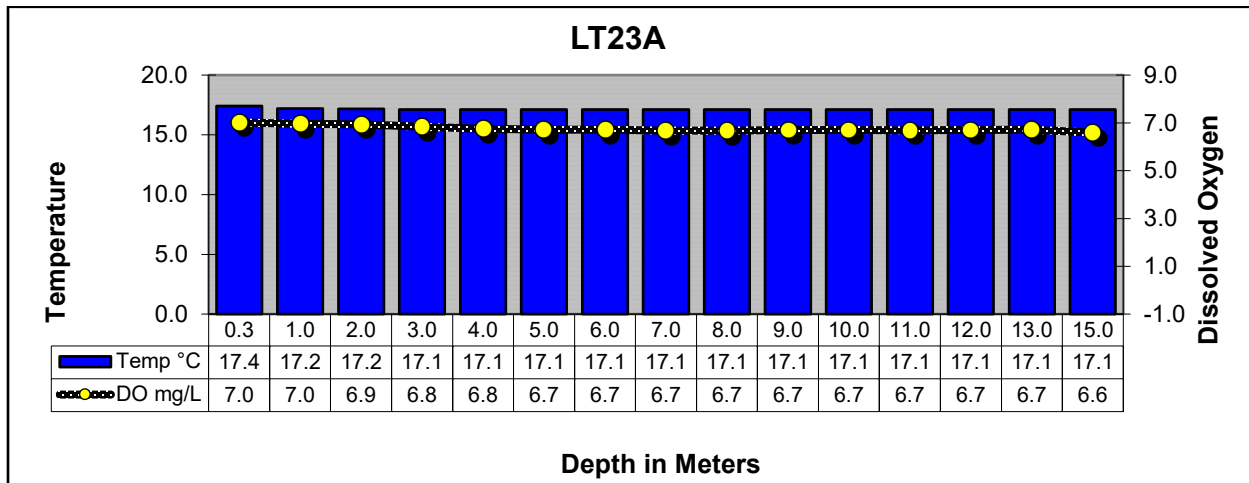
Segment 0507 - Lake Tawakoni

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.

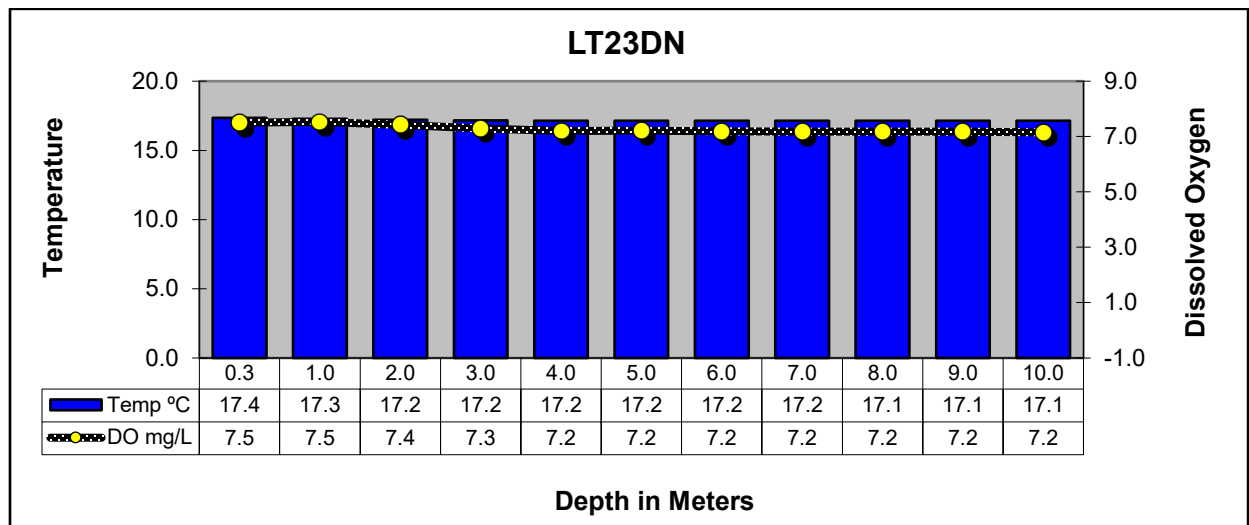
Segment 0507 Water Quality

Date and Time	Station	Depth meter s	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	<i>E. coli</i> mpn/100mL
11/14/23 10:53	10434(LT23A)	0.3	17.4	7.7	7.0	74	205	131	0.96	6.01	1
		1.0	17.2	7.6	7.0	73	205	131			
		2.0	17.2	7.6	6.9	73	205	131			
		3.0	17.1	7.6	6.8	72	205	131			
		4.0	17.1	7.6	6.8	71	205	131			
		5.0	17.1	7.6	6.7	71	205	131			
		6.0	17.1	7.6	6.7	71	205	131			
		7.0	17.1	7.6	6.7	70	205	131			
		8.0	17.1	7.6	6.7	70	205	131			
		9.0	17.1	7.7	6.7	70	205	131			
		10.0	17.1	7.7	6.7	70	205	131			
		11.0	17.1	7.6	6.7	70	205	131			
		12.0	17.1	7.7	6.7	70	205	131			
		13.0	17.1	7.7	6.7	71	205	131			
		14.0	17.1	7.7	6.7	70	205	131			
		15.0	17.1	7.6	6.6	69	205	131			
11/14/23 09:09	21173(LT23DN)	0.3	17.4	7.9	7.5	79	205	131	0.91	7.76	1
		1.0	17.3	7.8	7.5	79	205	131			
		2.0	17.2	7.8	7.4	78	205	131			
		3.0	17.2	7.8	7.3	77	205	131			
		4.0	17.2	7.8	7.2	76	205	131			
		5.0	17.2	7.8	7.2	76	205	131			
		6.0	17.2	7.8	7.2	76	205	131			
		7.0	17.2	7.8	7.2	76	205	131			
		8.0	17.1	7.8	7.2	76	205	131			
		9.0	17.1	7.8	7.2	76	205	131			
		10.0	17.1	7.8	7.2	75	205	131			
11/14/23 09:52	10437(LT23B)	0.3	17.4	8.2	7.1	75	205	131	0.79	9.70	1
		1.0	17.3	8.0	7.1	75	205	131			
		2.0	17.3	7.9	7.0	74	205	131			
		3.0	17.3	7.8	6.9	73	205	131			
		4.0	17.3	7.8	6.9	73	205	131			
		5.0	17.3	7.8	6.9	73	205	131			
		6.0	17.3	7.8	6.9	73	205	131			
		7.0	17.2	7.8	6.9	73	205	131			
		8.0	17.2	7.8	6.9	73	205	131			
		9.0	17.2	7.8	6.7	70	205	131			

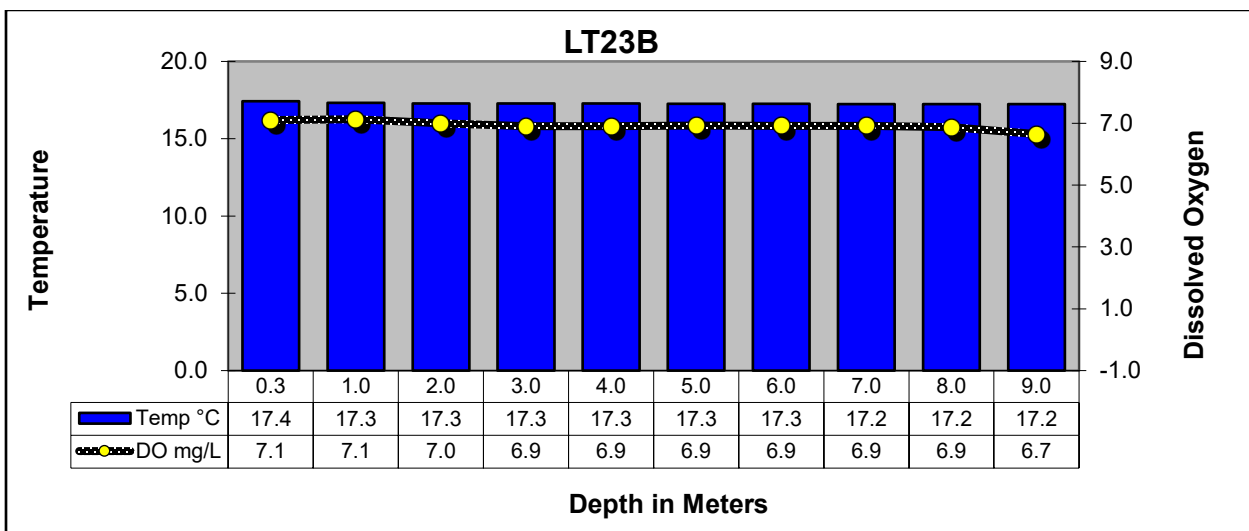
Lake Tawakoni Reservoir Profiles



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

