
SABINE RIVER AUTHORITY OF TEXAS

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

The Environmental Services Field Offices conducted water quality monitoring in the Sabine Basin from April 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 mild with highs in the low 60s to mid 70s. Low temperatures were in the mid 50s to low 60s. The tidal stations received 2.35 inches of rainfall in the seven days prior to the sampling event.

Tidal Conditions – Surface salinity values were greater than 1 ppt at one of the seven tidal stations. The highest salinity value of 1.6 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 mild with highs in the upper 50s to low 80s. Low temperatures were in the low 50s to low 70s. Toledo Bend received 5.14 inches of rainfall during the seven days prior to the sampling event.

Lake Level - The level of Toledo Bend was 170.97 feet with a daily average discharge of 14,058 cfs on the day of sampling. Toledo Bend has a conservation pool level of 172 feet msl. Reservoir profiles indicate a mixed water column with early stages of stratification at lower depths.

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 mid 50s to upper 80s. Low temperatures were in the upper 40s to low 70s. Lake Fork and Lake Tawakoni received 0.82 and 1.07 inches of rainfall during the seven days prior to sampling, respectively.

Lake Level - The level of Lake Tawakoni was 437.70 feet msl with a release of 126 cfs on the day of sampling. The level of Lake Fork was 401.90 feet msl with a 10 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 with early stages of 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

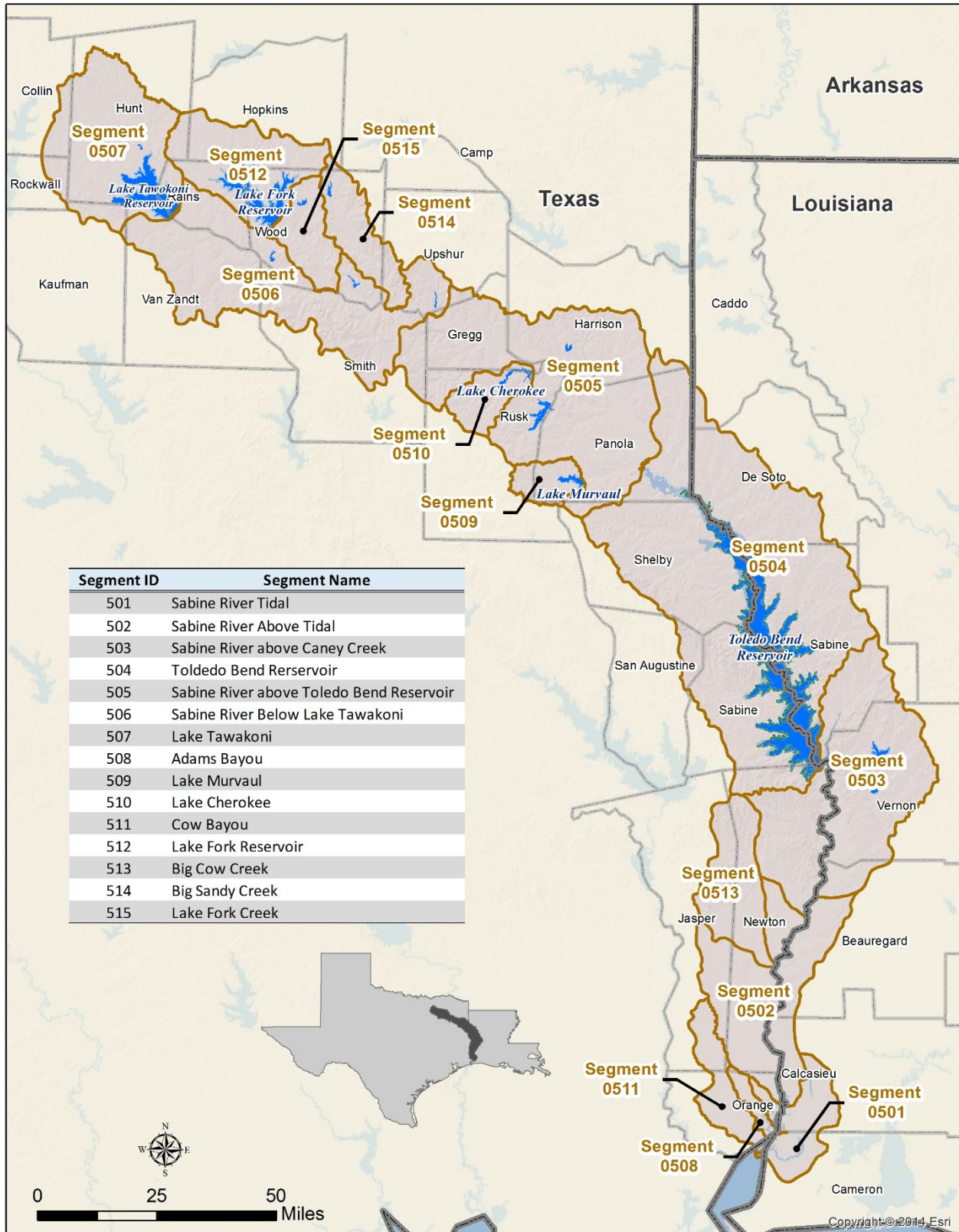
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Sabine Basin Map



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
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.

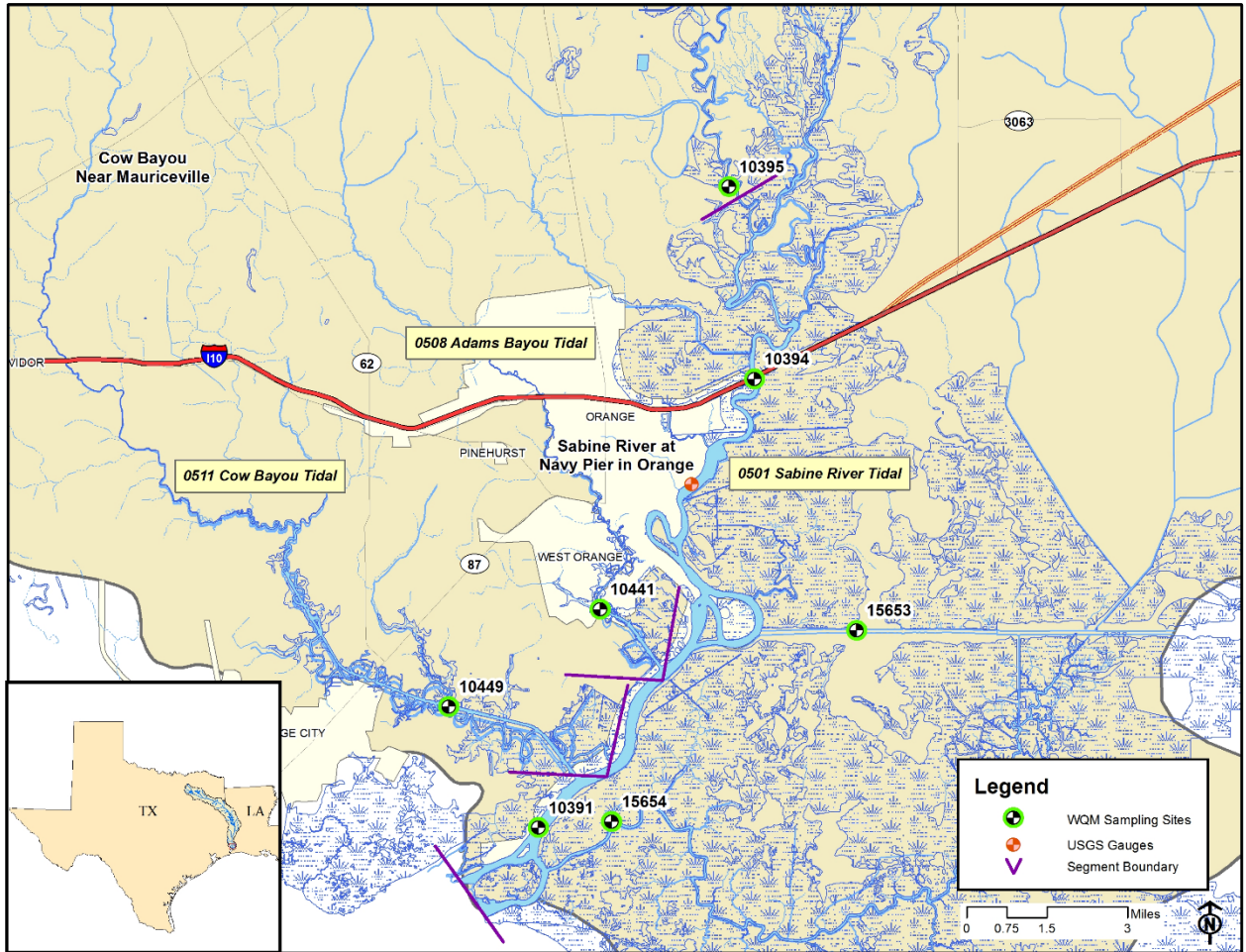
Segment 0511 – Cow Bayou Tidal. The segment reaches from the confluence with the Sabine River in Orange County to a point 4.8 kilometers (3.0 miles) upstream of IH-10 in Orange County.

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
4/13/23 09:32	10391 (SRT1)	0.3	19.3	6.8	7.0	76	167	107	0.1	0.20	41.2	74
		2.5	19.3	6.8	7.0	76	170	109	0.1			
		5.0	19.3	6.8	7.0	76	173	114	0.1			
		7.5	19.3	6.8	6.9	75	181	110	0.1			
		10.0	19.3	6.8	6.5	72	189	120	0.1			
4/13/23 09:12	15654 (BB1)	0.3	19.6	7.0	6.2	68	3,030	1,940	1.6	0.37	18.3	63
		1.5	19.6	7.1	6.2	68	3,030	1,940	1.6			
		2.0	19.6	7.2	6.2	68	3,020	1,930	1.6			
Segment 0511												
4/13/23 08:54	10449 (CB1)	0.3	20.8	7.1	5.6	63	950	608	0.5	0.30	35.5	504
		2.5	20.5	7.2	5.6	62	929	595	0.5			
		5.0	20.4	7.1	5.5	61	937	600	0.5			
Segment 0508												
4/13/23 09:48	10441 (AB2)	0.3	20.5	7.0	4.4	51	1,130	723	0.6	0.39	20.6	131
		2.0	20.4	7.0	3.8	45	1,140	729	0.6			
		4.0	20.2	6.9	1.7	16	1,130	723	0.6			
4/13/23 10:10	15653 (ICW1)	0.3	19.3	6.9	7.1	77	236	152	0.1	0.27	35.3	75
		2.0	19.3	7.0	7.0	76	234	150	0.1			
		4.0	19.2	7.0	7.0	76	239	153	0.1			
		6.0	19.2	7.1	7.0	76	243	155	0.1			
4/13/23 10:51	10394 (SRT2)	0.3	19.1	6.7	7.0	76	118	75	0.1	0.24	36.5	246
		2.0	19.0	6.7	7.0	76	118	75	0.1			
		4.0	19.0	6.7	7.0	76	118	75	0.1			
		6.0	19.0	6.7	7.0	76	118	75	0.1			
		8.0	19.0	6.9	7.0	76	118	75	0.1			
4/13/23 11:25	10395 (SR1)	0.3	19.0	7.1	7.4	81	127	82	NM	0.21	36.0	262

NM* Not Measured

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.

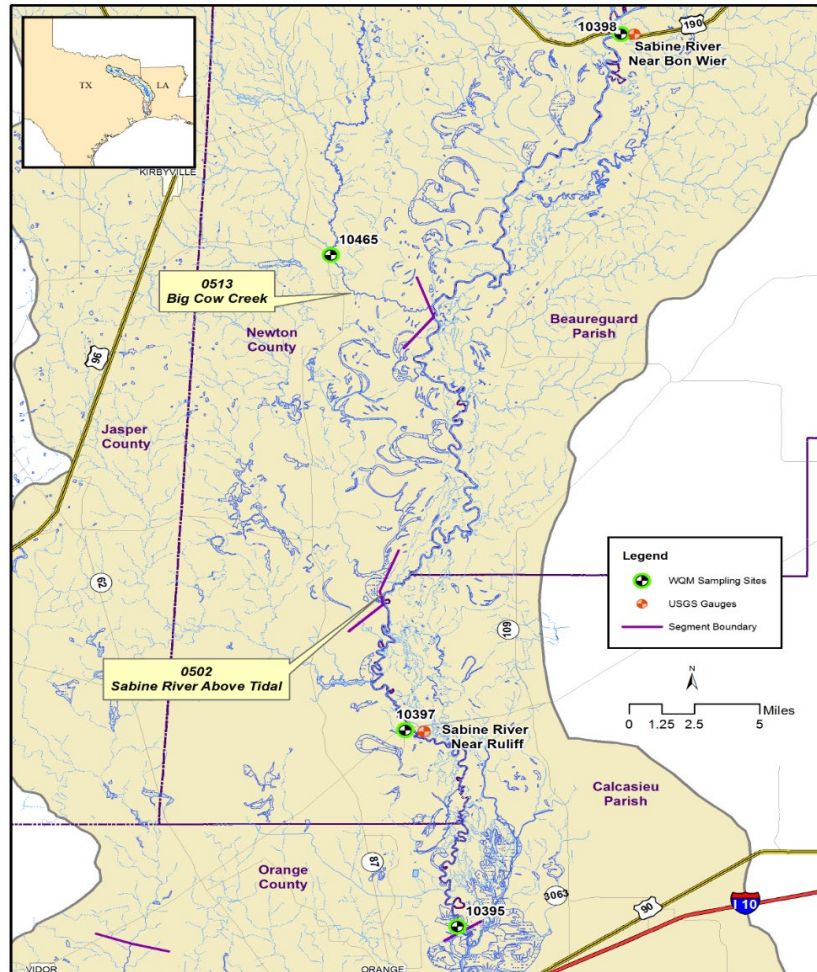
Segment 0502 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
4/12/23 08:03	10397(SR2)	08030500	Sabine River near Ruliff, TX	16,800

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
4/12/23 08:03	10397 (SR2)	0.3	18.9	7.2	7.7	82	116	74	0.26	36.4	461
Segment 0513											
4/12/23 09:10	10465 (BCC1)	0.3	17.9	6.8	8.2	86	42	27	0.30	27.7	60

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.

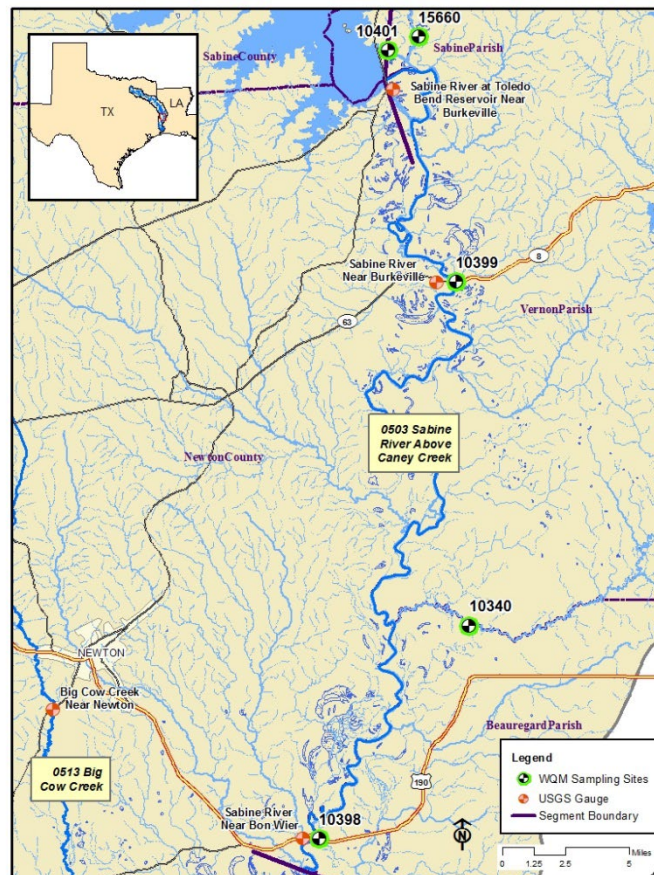
Segment 0503 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
4/12/23 11:32	10398(SR3)	08028500	Sabine River near Bon Wier, TX	15,100
4/12/23 10:25	10399(SR5)	08026000	Sabine River near Burkeville, TX	13,500

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
4/12/23 11:32	10398 (SR3)	0.3	18.7	7.4	9.2	98	143	92	0.48	15.9	20
4/12/23 11:08	10340 (BA4)	0.3	19.6	7.3	8.1	88	148	95	0.20	49.2	54
4/12/23 10:25	10399 (SR5)	0.3	18.2	7.6	9.4	99	151	97	1.0	5.36	10
4/10/23 12:23	10401 (TB6S)	0.3	19.0	8.0	9.8	105	153	98	>1.2	3.29	6
4/10/23 12:05	15660 (BT1)	0.3	17.1	6.6	9.0	93	63	40	0.12	77.5	517

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
4/11/23 14:25	10404 (TB6A)	0.3	18.5	7.7	9.7	103	154	98	1.8	2.40	2
		1.0	18.5	7.6	9.7	102	154	98			
		2.0	18.5	7.6	9.7	103	154	98			
		3.0	18.4	7.5	9.5	101	154	98			
		4.0	18.2	7.4	9.3	98	154	98			
		5.0	18.1	7.3	9.2	98	154	98			
		8.0	18.0	7.1	8.9	94	154	98			
		11.0	17.7	6.9	8.4	87	152	98			
		14.0	17.3	6.7	7.9	82	151	96			
		17.0	15.4	6.6	5.2	52	154	99			
		20.0	15.2	6.6	5.1	50	154	99			
		23.0	15.2	6.5	4.9	49	154	99			
		26.0	14.5	6.5	4.0	38	156	99			
		28.0	14.0	6.5	0.7	7	167	106			
4/11/23 07:42	10406 (TB6C)	0.3	19.6	7.6	9.1	98	136	87	0.98	6.64	19
		1.0	19.6	7.6	9.0	98	136	87			
		2.0	19.6	7.5	9.1	98	136	87			
		3.0	19.6	7.4	9.0	98	135	86			
		4.0	19.2	7.3	7.7	82	116	73			
4/11/23 12:57	18054 (TB6Q)	0.3	19.4	7.7	9.0	98	148	95	0.94	5.31	2
		1.0	19.4	7.6	9.0	98	148	95			
		2.0	19.2	7.5	8.9	96	149	95			
		3.0	19.2	7.4	8.9	96	149	95			
		4.0	19.1	7.3	8.8	94	148	95			
		5.0	19.1	7.2	8.6	92	149	95			
		6.0	18.9	7.2	8.3	89	148	95			
		7.0	18.6	7.1	7.0	73	145	93			
		8.0	18.5	6.9	6.3	66	143	91			
		9.0	18.2	6.7	4.7	49	141	90			
		10.0	18.1	6.6	4.3	45	144	92			

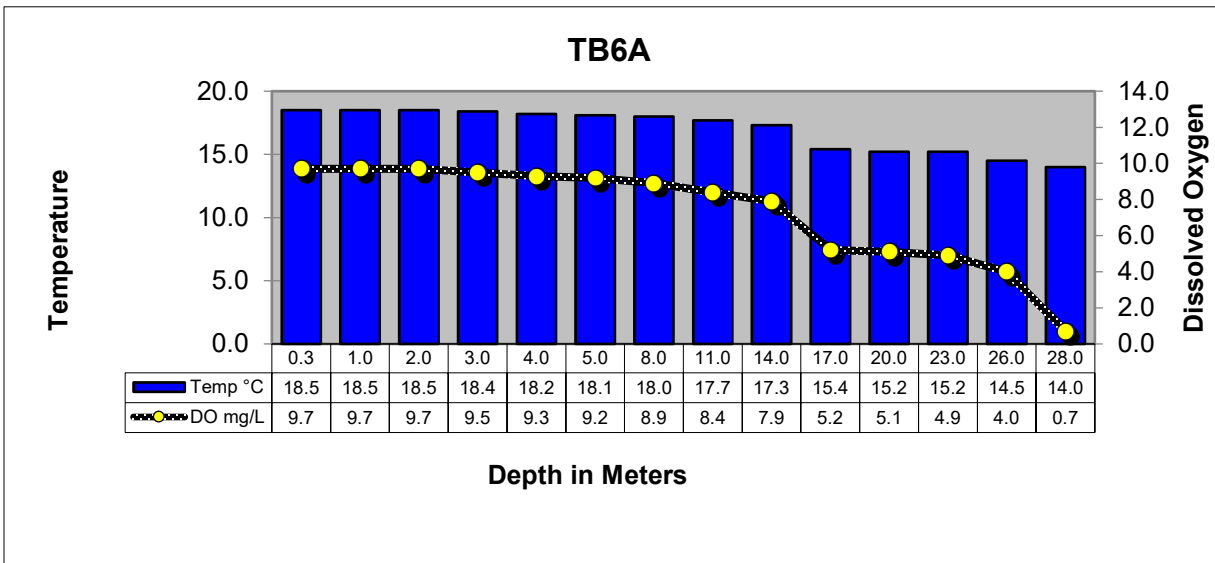
Segment 0504 Water Quality Continued

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
4/10/23 10:09	10411 (TB6F)	0.3	19.0	7.6	8.0	86	85	54	0.42	19.4	38
		1.0	18.8	7.5	8.0	85	84	54			
		2.0	18.7	7.4	8.0	85	84	54			
		3.0	18.1	7.3	7.8	81	73	47			
		4.0	17.3	7.1	7.0	72	65	42			
		5.0	16.9	7.0	6.9	70	62	40			
4/11/23 10:30	10402 (TB6H)	0.3	19.3	7.5	9.8	106	138	88	0.92	6.87	<1
		1.0	19.2	7.4	9.5	103	138	88			
		2.0	19.0	7.3	9.2	99	138	88			
		3.0	19.0	7.3	9.0	96	138	88			
		4.0	18.9	7.2	9.0	96	138	88			
		5.0	18.9	7.2	8.9	96	138	88			
		8.0	18.8	7.0	8.4	90	138	88			
		11.0	18.6	6.9	8.2	88	138	88			
		14.0	18.2	6.8	6.8	73	138	88			
		17.0	17.8	6.7	6.0	66	138	89			
		19.0	17.3	6.7	2.5	27	143	91			
4/10/23 10:35	15659 (TB6K)	0.3	18.8	7.6	7.6	81	123	78	0.29	27.5	62
		1.0	18.6	7.6	7.6	80	122	78			
		2.0	18.5	7.4	7.3	77	120	77			
		3.0	18.4	7.3	7.1	75	120	77			
		4.0	18.1	7.2	7.1	75	107	68			
		5.0	17.9	7.2	7.3	76	105	66			
		6.0	17.6	7.0	6.9	71	99	63			
		7.0	17.2	6.8	6.0	61	92	59			
		8.0	16.9	6.7	5.6	78	88	56			
		9.0	16.8	6.6	5.4	56	88	57			
4/10/23 09:33	15655 (TB6J)	0.3	18.9	7.6	8.7	93	134	86	0.42	14.5	26
		1.0	18.7	7.6	8.6	92	134	86			
		2.0	18.6	7.5	8.5	90	132	85			
		3.0	18.3	7.4	8.2	86	126	80			
		4.0	17.0	7.3	7.0	72	92	59			
		4.9	16.8	6.9	6.1	62	87	56			

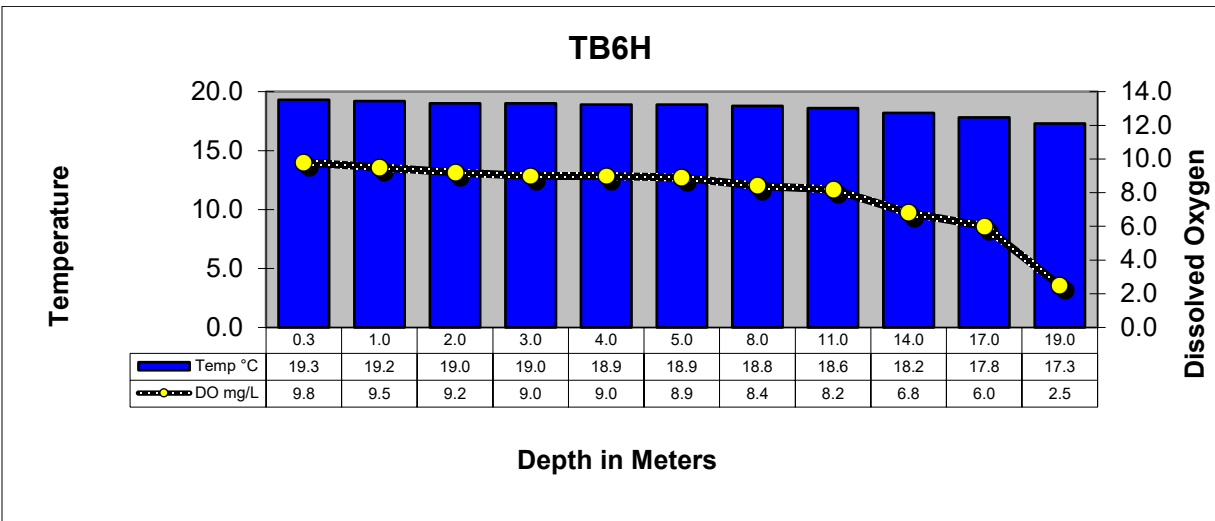
Segment 0504 Water Quality Continued

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
4/11/23 11:51	18053 (TB6LN)	0.3	19.6	7.7	8.6	93	128	82	0.72	9.49	1
		1.0	19.5	7.6	8.6	92	128	82			
		2.0	19.2	7.4	8.1	85	127	81			
		3.0	18.9	7.3	7.6	81	128	81			
		4.0	18.8	7.1	7.4	79	128	82			
		5.0	18.7	7.0	6.3	67	133	85			
		6.0	18.6	6.8	6.0	64	134	86			
4/11/23 09:07	18052 (TB6R)	0.3	19.2	7.7	9.4	101	183	118	0.65	8.63	2
		1.0	19.2	7.7	9.3	100	183	117			
		2.0	19.2	7.7	9.2	99	183	117			
		3.0	19.1	7.6	9.2	99	183	117			
		4.0	19.1	7.6	9.2	98	183	117			
		5.0	19.1	7.6	9.1	98	183	117			
		6.0	19.1	7.5	9.1	98	183	117			
		7.0	19.1	7.5	9.2	98	183	117			
		8.0	19.1	7.4	9.1	98	183	117			
		9.0	19.1	7.3	9.0	97	183	117			
		10.0	19.0	7.2	8.2	89	185	118			
		11.0	18.8	7.1	7.1	77	188	120			
		12.0	18.6	7.1	5.2	55	204	126			
		13.0	18.5	7.1	4.4	47	231	135			

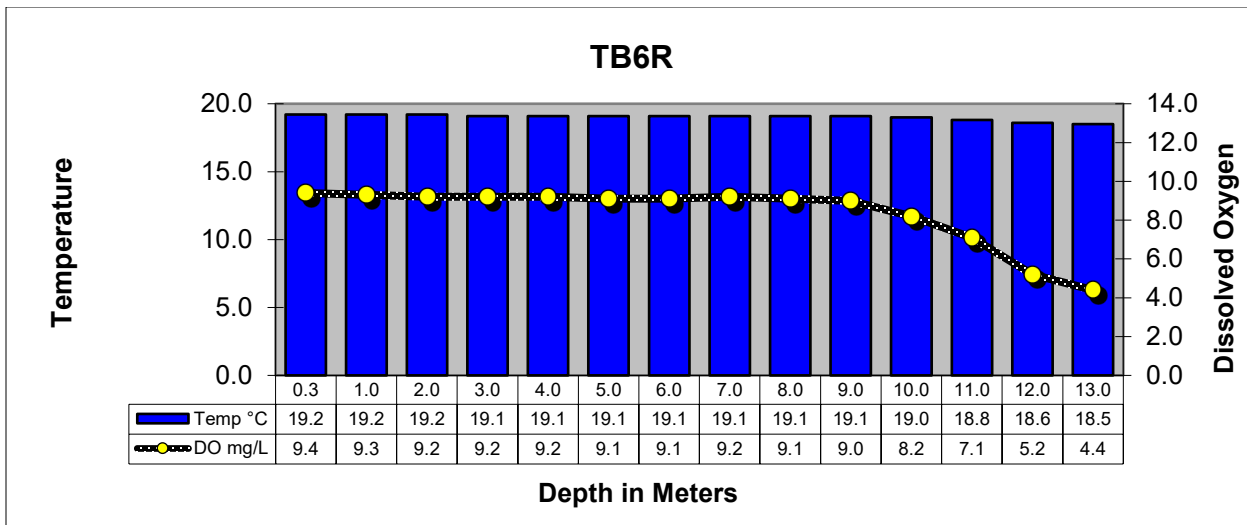
Toledo Bend Reservoir Profiles



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

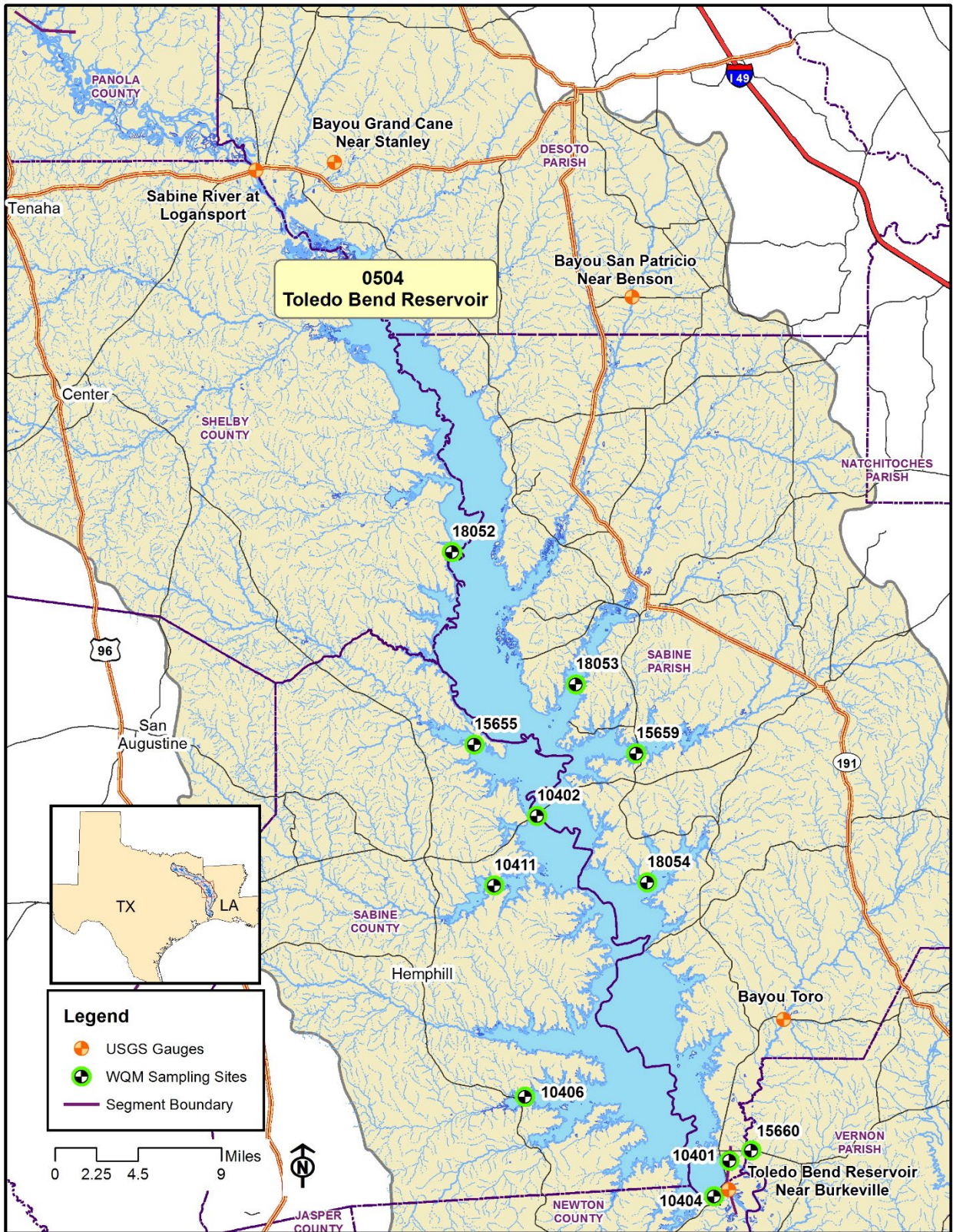


TOLEDO BEND RESERVOIR AT SH 21 NORTHEAST OF MILAM



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.

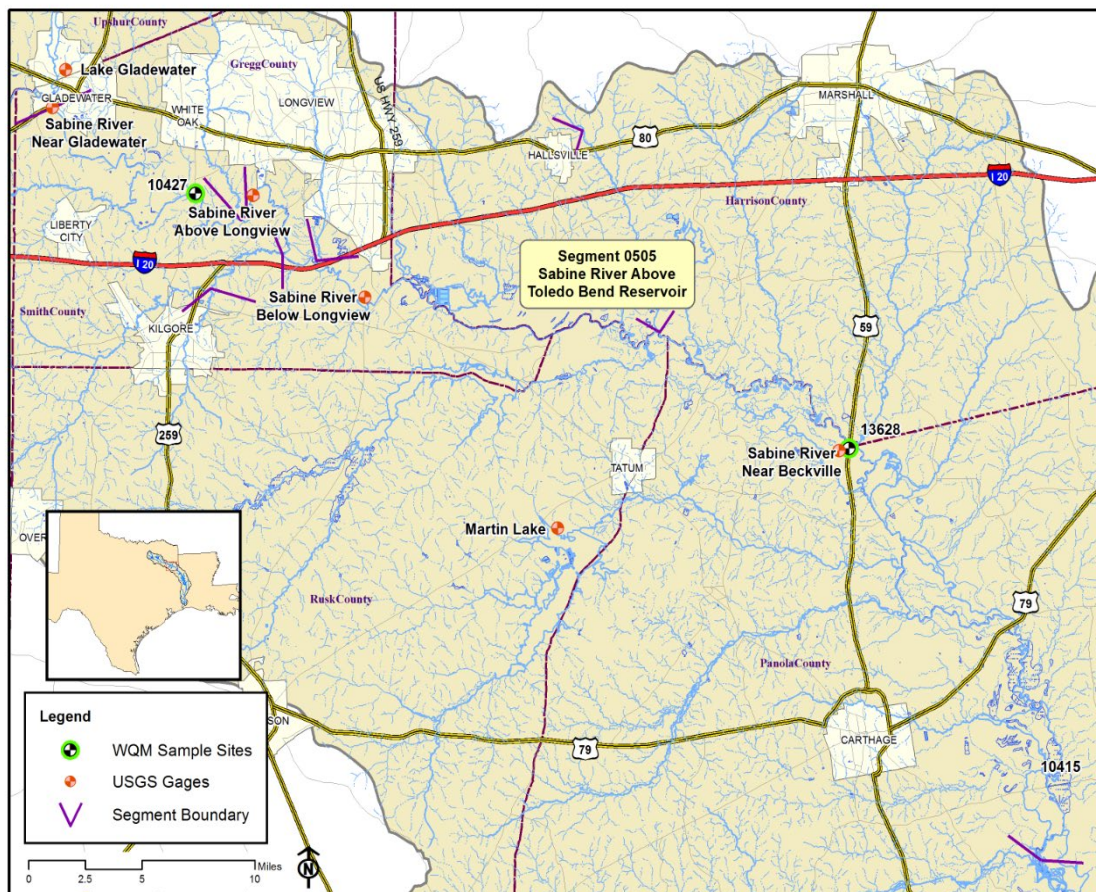
Segment 0505 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
4/12/23 10:15	13628(SR11)	08022040	Sabine River near Beckville, TX	2,730

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
4/12/23 10:15	10415(SR10)	0.3	17.8	7.5	7.6	81	195	125	0.21	61.9	133
4/12/23 10:15	13628(SR11)	0.3	17.8	7.6	7.8	83	222	142	0.15	67.0	167
4/12/23 09:45	10427(SR16)	0.3	17.9	7.6	7.7	82	219	141	0.23	50.9	272

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)
4/12/23 08:14	10428(SR17)	08020000	Sabine River near Gladewater, TX	1,070
4/12/23 13:53	10429(SR19)	08019200	Sabine River near Hawkins, TX	581
4/11/23 13:12	10430(SR21)	08018500	Sabine River near Mineola, TX	277
Segment 0514				
4/12/23 14:13	10468(BS1)	08019500	Big Sandy Creek near Big Sandy, TX	177

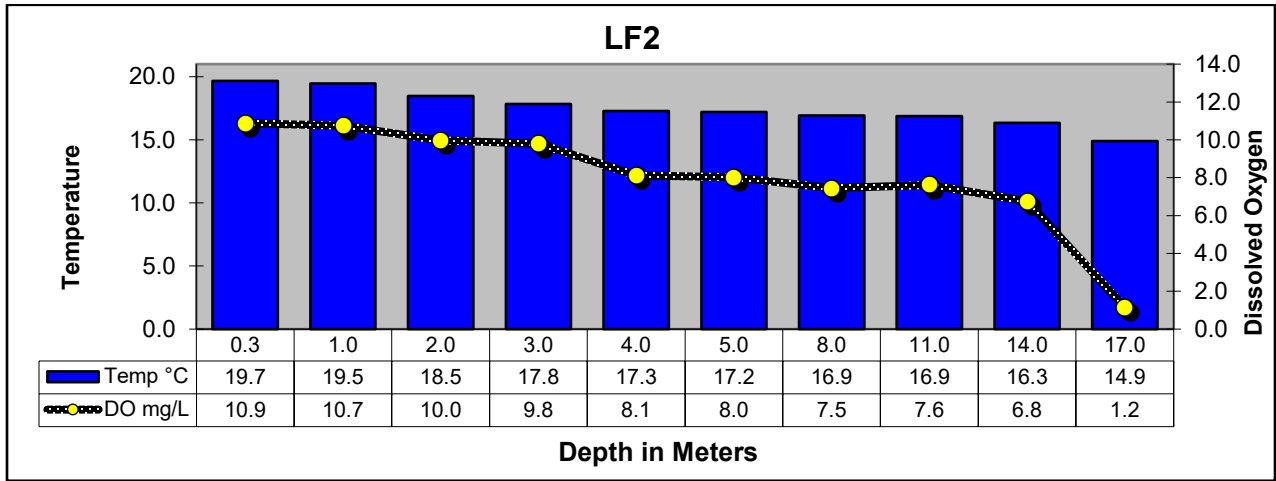
Segment 0506 Water Quality

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
4/12/23 08:14	10428(SR17)	0.3	17.7	7.3	7.8	83	218	140	0.23	53.1	206
4/12/23 13:53	10429(SR19)	0.3	18.2	8.0	8.2	88	253	162	0.15	76.2	249
4/11/23 13:12	10430(SR21)	0.3	17.7	7.7	8.2	88	298	190	0.21	59.7	365
Segment 0514											
4/12/23 14:13	10468(BS1)	0.3	18.1	7.4	7.6	82	154	99	0.53	19.1	261
Segment 0515											
4/11/23 1:34	10469(LF20)	0.3	17.8	7.5	7.6	81	264	169	0.20	51.9	260

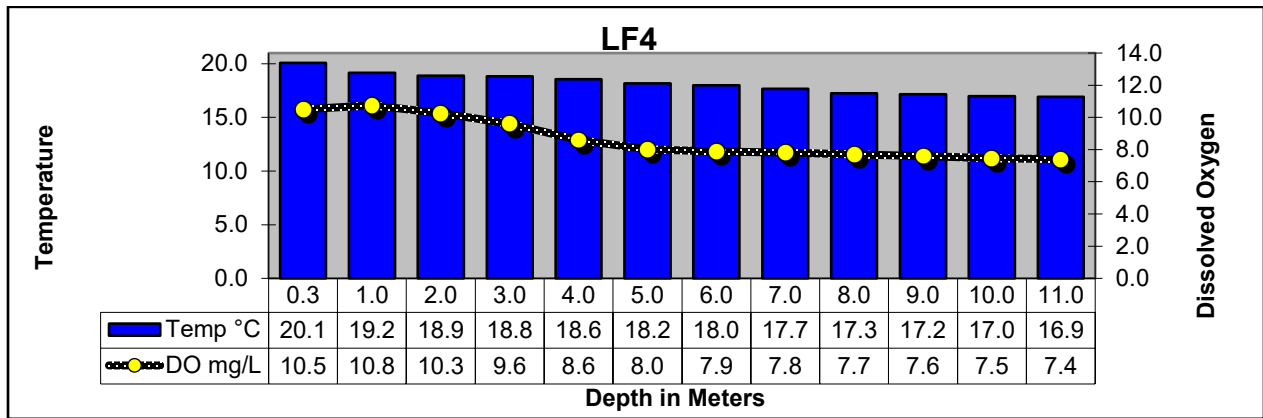
Segment 0506 Water Quality Continued

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											
4/11/23 12:27	10458(LF2)	0.3	19.7	8.8	10.9	120	170	109	1.2	4.25	1
		1.0	19.5	8.8	10.7	118	170	109			
		2.0	18.5	8.5	10.0	108	169	108			
		3.0	17.8	8.3	9.8	106	168	108			
		4.0	17.3	8.0	8.1	86	167	107			
		5.0	17.2	7.9	8.0	85	167	107			
		8.0	16.9	7.8	7.5	78	167	107			
		11.0	16.9	7.7	7.6	79	167	107			
		14.0	16.3	7.7	6.8	70	167	107			
		17.0	14.9	7.4	1.2	12	175	112			
4/11/23 11:33	10462(LF4)	0.3	20.1	8.7	10.5	117	167	107	0.75	6.84	2
		1.0	19.2	8.7	10.8	118	167	107			
		2.0	18.9	8.6	10.3	110	167	107			
		3.0	18.8	8.4	9.6	105	167	107			
		4.0	18.6	8.1	8.6	93	166	106			
		5.0	18.2	8.0	8.0	90	166	106			
		6.0	18.0	7.9	7.9	80	166	106			
		7.0	17.7	7.8	7.8	75	166	106			
		8.0	17.3	7.7	7.7	60	166	106			
		9.0	17.2	7.6	7.6	52	166	106			
		10.0	17.0	7.5	7.5	39	168	107			
		11.0	16.9	7.4	7.4	37	168	108			
4/11/23 11:50	10461(LF3)	0.3	20.2	9.0	11.2	125	175	112	0.58	6.48	1
		1.0	20.2	9.0	11.1	125	175	112			
		2.0	19.8	8.9	11.1	125	175	112			
		3.0	18.6	8.5	9.5	101	171	109			
		4.0	17.7	8.2	8.1	85	167	108			
		5.0	17.1	8.0	7.5	78	168	107			
		6.0	16.9	7.9	6.7	70	168	108			
		7.0	16.9	7.8	6.0	63	168	108			
		8.0	16.9	7.6	5.2	54	169	108			
		9.0	16.8	7.6	4.9	51	170	108			

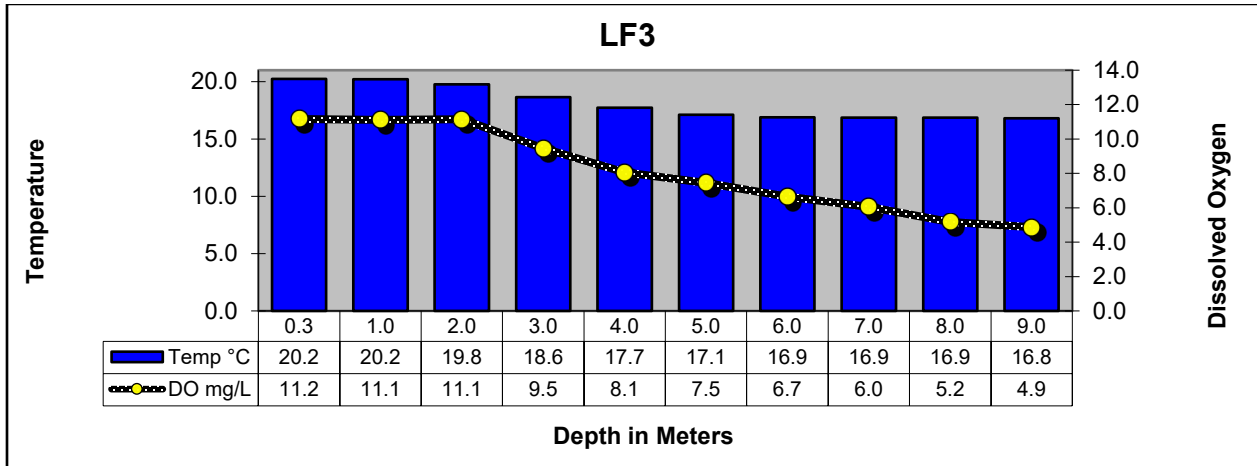
Lake Fork Reservoir Profiles



LAKE FORK RESERVOIR NEAR DAM IN CREEK CHANNEL

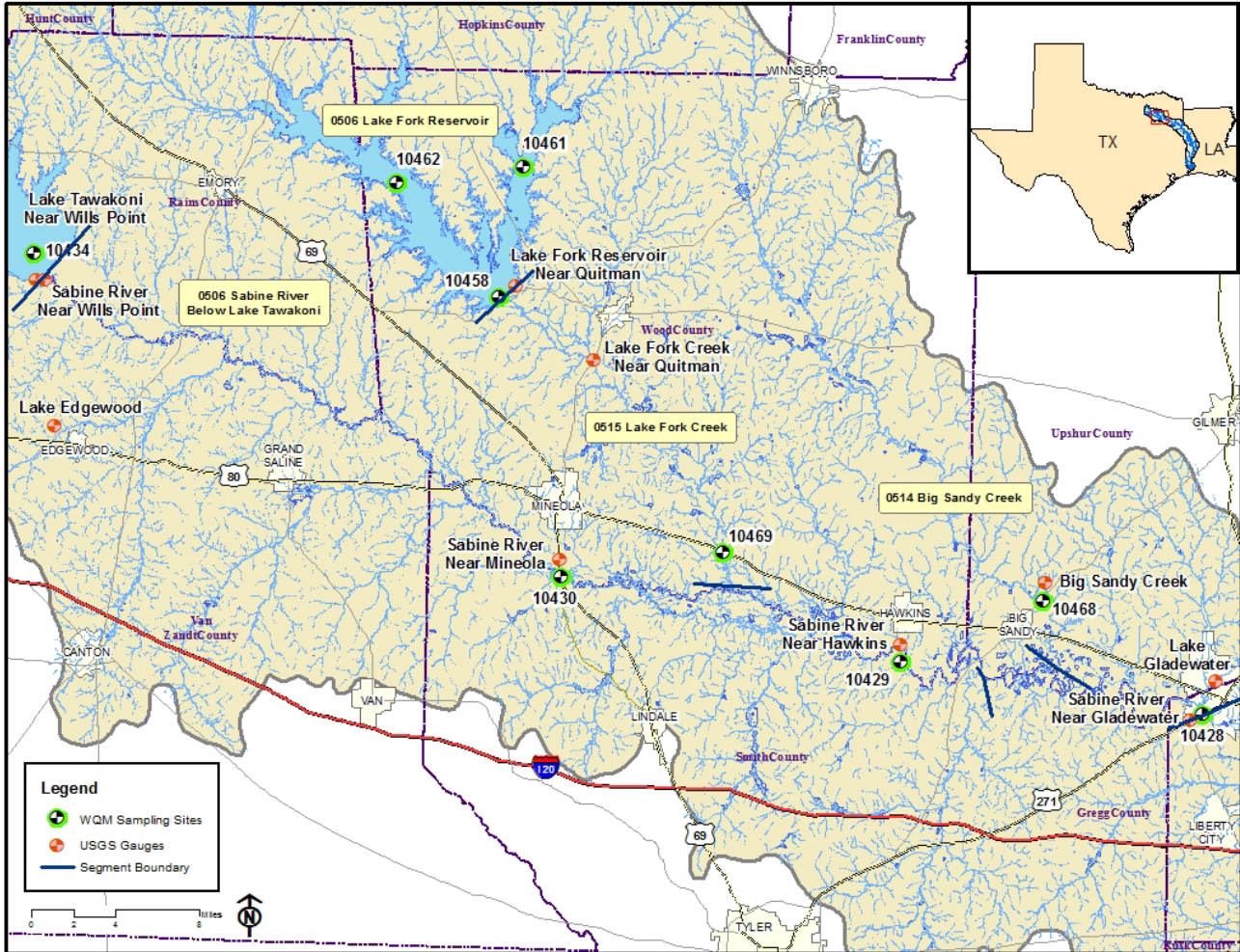


LAKE FORK RESERVOIR MID-COVE IN LAKE FORK CREEK ARM AT FM515



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

Segments 0506, 0512, 0514 & 0515



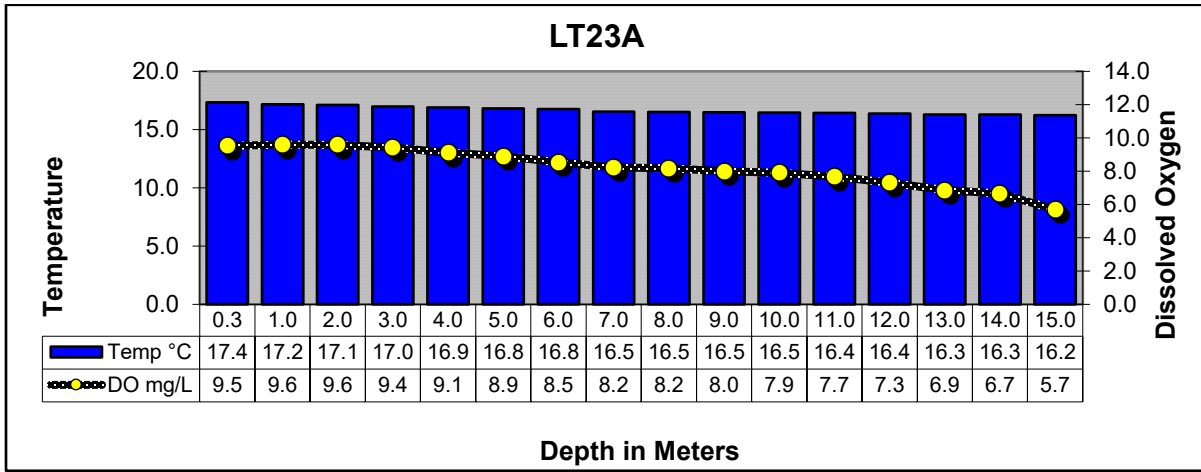
Segment 0507 - Lake Tawakoni

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.

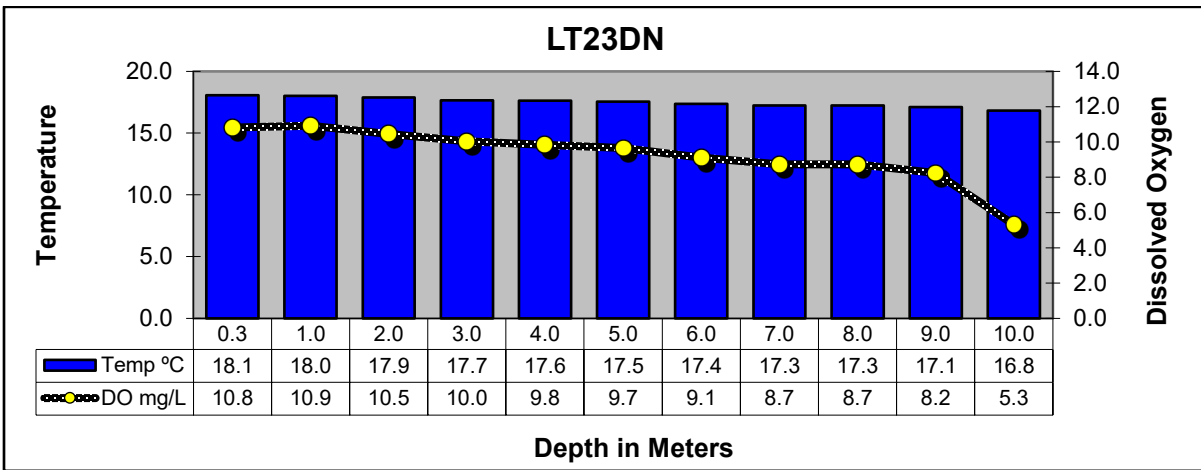
Segment 0507 Water Quality

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
4/11/23 10:13	10434(LT23A)	0.3	17.4	8.3	9.5	101	205	131	1.2	3.52	<1
		1.0	17.2	8.2	9.6	101	205	131			
		2.0	17.1	8.2	9.6	100	204	131			
		3.0	17.0	8.2	9.4	99	204	131			
		4.0	16.9	8.1	9.1	95	204	130			
		5.0	16.8	8.1	8.9	93	204	130			
		6.0	16.8	8.0	8.5	88	204	130			
		7.0	16.5	8.0	8.2	85	204	131			
		8.0	16.5	7.9	8.2	84	204	131			
		9.0	16.5	7.9	8.0	83	205	131			
		10.0	16.5	7.9	7.9	82	205	131			
		11.0	16.4	7.8	7.7	79	205	131			
		12.0	16.4	7.8	7.3	75	205	131			
		13.0	16.3	7.8	6.9	71	205	131			
		14.0	16.3	7.7	6.7	69	206	131			
		15.0	16.2	7.7	5.7	59	207	132			
4/11/23 09:53	21173(LT23DN)	0.3	18.1	8.7	10.8	115	204	131	0.94	5.13	<1
		1.0	18.0	8.7	10.9	118	204	131			
		2.0	17.9	8.6	10.5	112	204	131			
		3.0	17.7	8.5	10.0	106	205	131			
		4.0	17.6	8.4	9.8	105	205	131			
		5.0	17.5	8.4	9.7	102	205	131			
		6.0	17.4	8.3	9.1	96	206	132			
		7.0	17.3	8.2	8.7	92	206	132			
		8.0	17.3	8.1	8.7	92	206	132			
		9.0	17.1	8.1	8.2	87	207	132			
		10.0	16.8	7.9	5.3	55	212	137			
4/11/23 09:35	10437(LT23B)	0.3	18.7	8.9	12.4	135	202	129	0.99	5.03	1
		1.0	18.7	8.9	12.4	135	202	129			
		2.0	18.5	8.9	12.4	132	202	129			
		3.0	18.5	8.9	12.0	130	202	129			
		4.0	18.4	8.9	11.8	127	202	129			
		5.0	18.3	8.7	11.2	120	203	130			
		6.0	18.0	8.6	10.6	117	205	131			
		7.0	17.6	8.3	9.0	92	207	132			
		8.0	17.1	8.1	7.2	75	208	133			
		9.0	17.0	7.9	5.8	61	211	135			

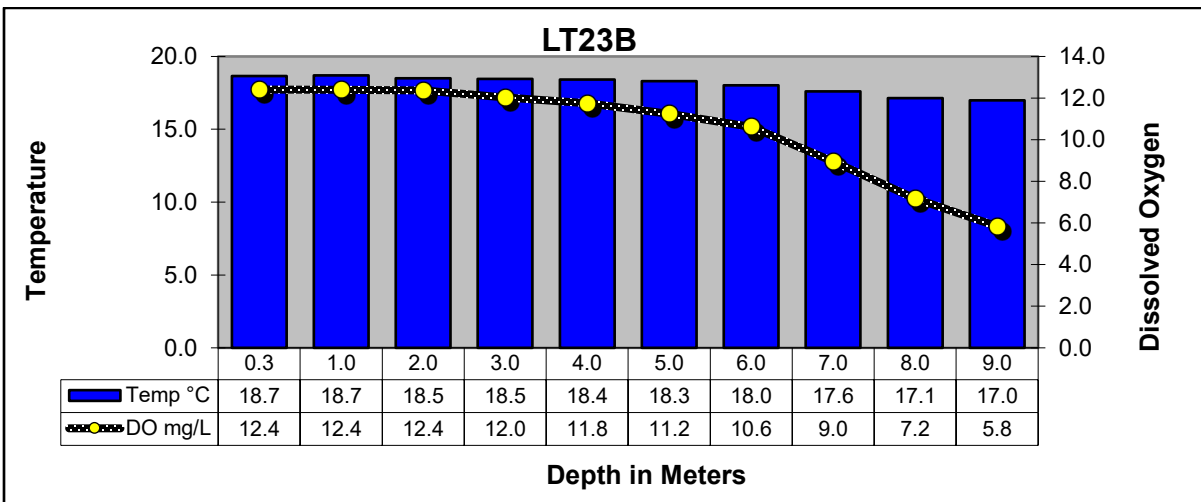
Lake Tawakoni Reservoir Profiles



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

