

SABINE RIVER AUTHORITY OF TEXAS

TO: INTERESTED PARTIES
FROM: ENVIRONMENTAL SERVICES DIVISION
RE: MAY 2022 MONTHLY WATER QUALITY REPORT

The Environmental Services Field Offices conducted water quality monitoring in the Sabine Basin from May 9th through the 12th. 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 hot with highs in the low 80s to upper 80s. Low temperatures were in the low 60s to mid 70s. The tidal stations received 0.51 inches of rainfall in the seven days prior to the sampling event.

Tidal Conditions – Surface salinity values were greater than 1 ppt at five of the seven tidal stations. The highest salinity value of 4.1 ppt was recorded at station 10391 (SRT1) at a depth of 9.0 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 80s. Low temperatures were in the mid to upper 60s. Toledo Bend received 1.2 inches of rainfall during the seven days prior to the sampling event.

Lake Level - The level of Toledo Bend was 171.8 feet with a daily average discharge of 6,446 cfs on the day of sampling. Toledo Bend has a conservation pool level of 172 feet msl. Reservoir profiles indicate a somewhat 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 mild with highs in the low 70s to low 90s. Low temperatures were in the low 50s to mid 70s. Lake Fork and Lake Tawakoni received 1.34 and 4.01 inches of rainfall during the seven days prior to sampling, respectively.

Lake Level - The level of Lake Tawakoni was 436.51 feet msl with a release of 6 cfs on the day of sampling. The level of Lake Fork was 397.59 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.

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*
Terry Wilson, Upper Basin Field Office Coordinator
903-878-2420 (twilson@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

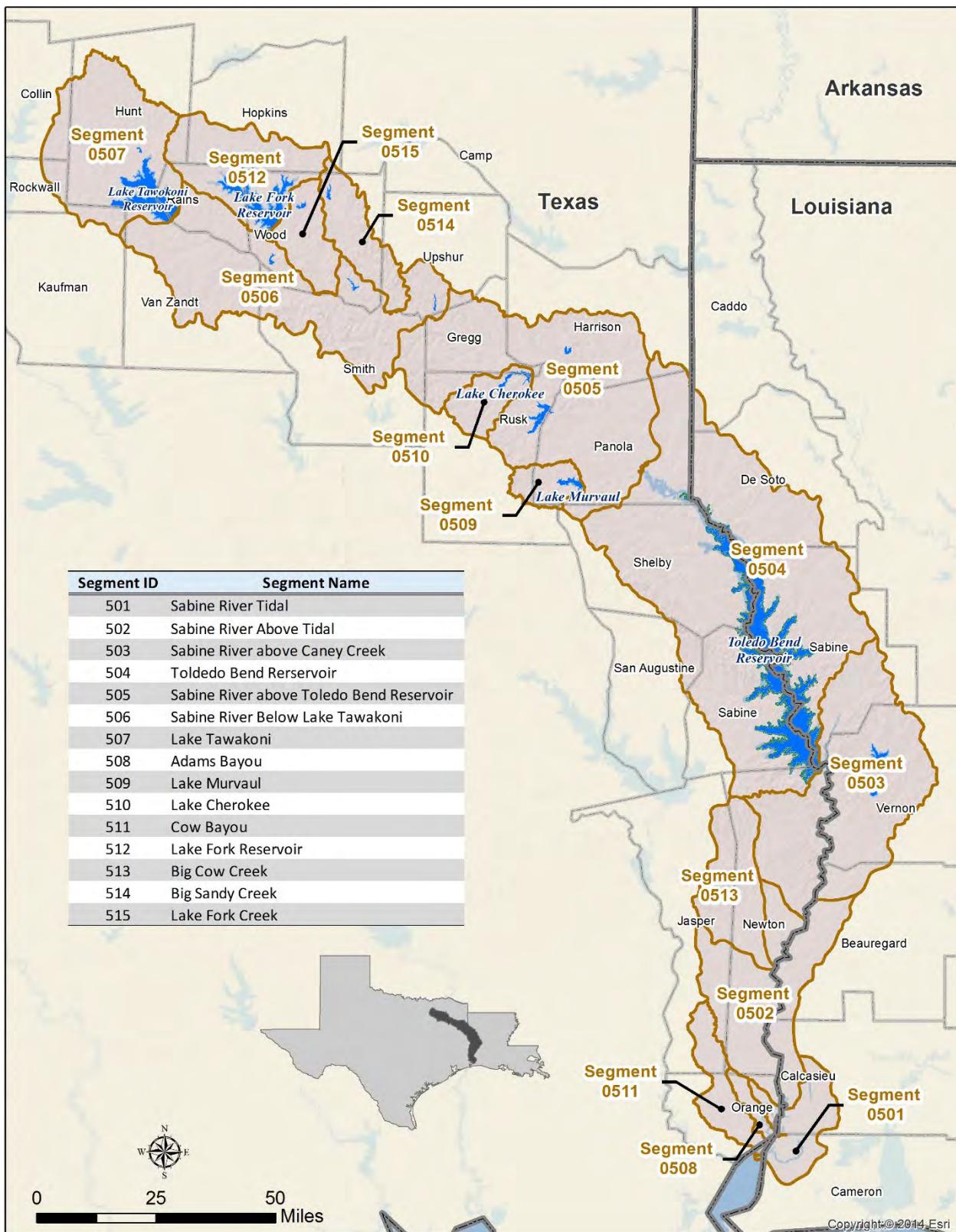
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Sabine Basin Map



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.

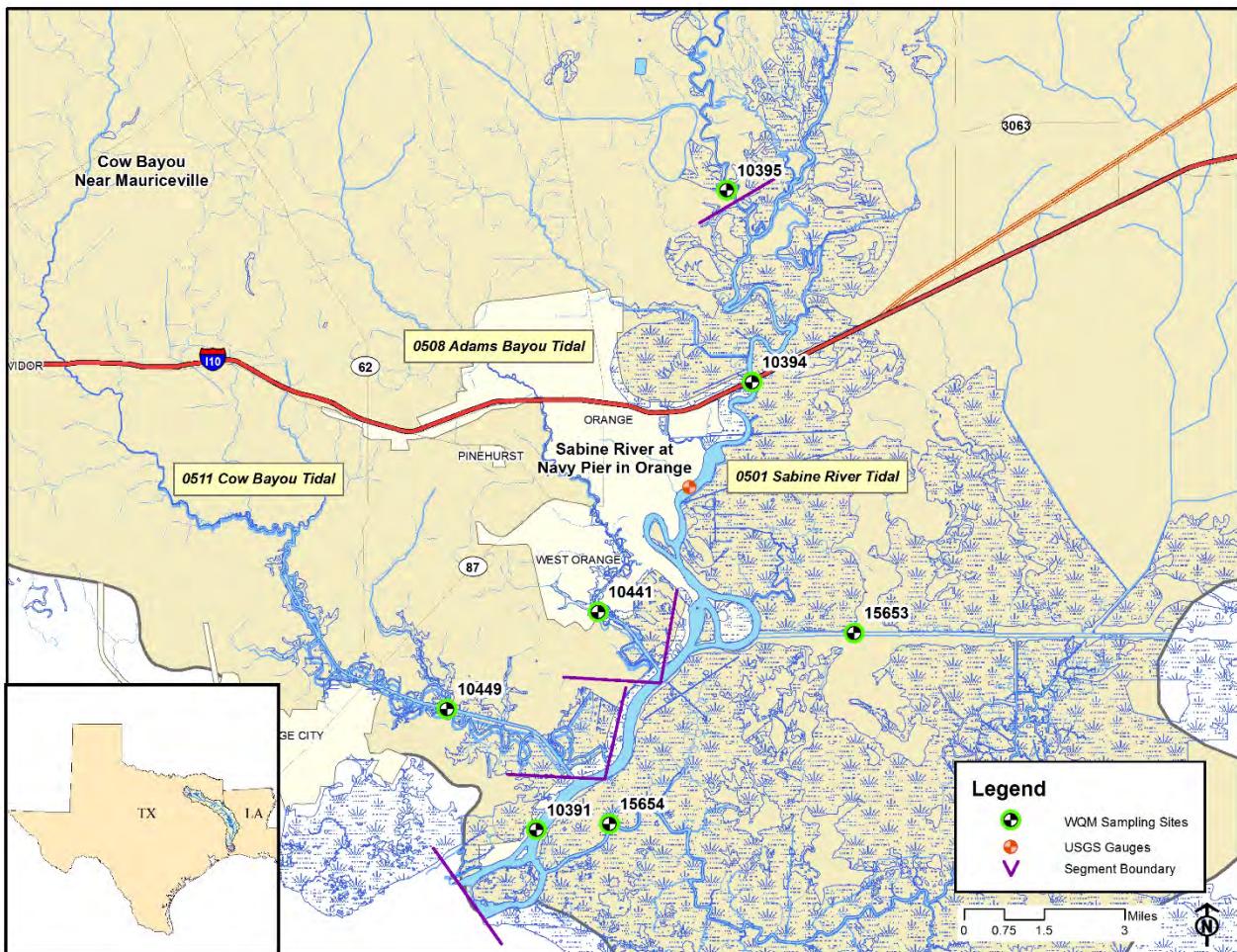
Segment 0508 – Adams Bayou Tidal. The segment reaches from the confluence with the Sabine River in Orange County to a point 1.1 kilometers (0.7 miles) upstream of IH-10 in Orange County.

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 meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Salinity ppt	Secchi meters	Turbidity NTU	Enterococcus mpn/ 100mL
5/12/2022 09:37	10391 (SRT1)	0.3	27.9	7.2	6.2	79	2,190	1,400	1.2	0.56	13.0	10
		3.0	27.8	7.1	6.0	76	2,490	1,590	1.3			
		6.0	27.8	7.0	5.9	76	3,410	2,160	1.8			
		9.0	27.7	6.9	5.7	75	7,370	4,640	4.1			
5/12/2022 09:16	15654 (BB1)	0.3	27.8	7.1	5.4	70	6,490	4,150	3.6	0.62	13.4	<10
		2.0	27.8	7.0	5.4	69	6,490	4,150	3.6			
		4.0	27.7	6.9	5.2	68	6,480	4,150	3.6			
Segment 0511												
5/12/2022 08:50	10449 (CB1)	0.3	28.8	7.0	5.8	76	3,330	2,130	1.8	0.42	16.8	31
		2.5	28.6	6.9	5.6	73	3,330	2,130	1.8			
		5.0	28.0	6.8	5.4	69	3,230	2,060	1.7			
Segment 0508												
5/12/2022 09:57	10441 (AB2)	0.3	29.1	7.2	6.4	84	2,220	1,420	1.2	0.47	12.1	75
		2.0	28.6	7.0	4.8	63	2,310	1,480	1.2			
		4.0	28.4	6.9	4.4	57	2,390	1,530	1.3			
5/12/2022 10:23	15653 (ICW1)	0.3	28.2	7.1	5.9	76	2,450	1,570	1.3	0.61	15.9	20
		2.0	28.1	7.1	5.9	76	2,450	1,570	1.3			
		4.0	28.1	7.0	5.9	76	2,440	1,560	1.3			
		6.0	28.1	6.9	5.9	76	2,440	1,560	1.3			
5/12/2022 11:17	10394 (SRT2)	0.3	28.9	6.9	5.8	76	152	97	0.1	0.44	15.7	10
		3.0	28.1	6.8	5.4	69	152	97	0.1			
		6.0	28.0	6.5	5.3	67	152	98	0.1			
		9.0	28.0	6.3	5.1	65	156	100	0.1			
5/12/2022 11:57	10395 (SR1)	0.3	29.0	7.1	6.4	83	202	129	0.1	0.23	26.6	<10

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.

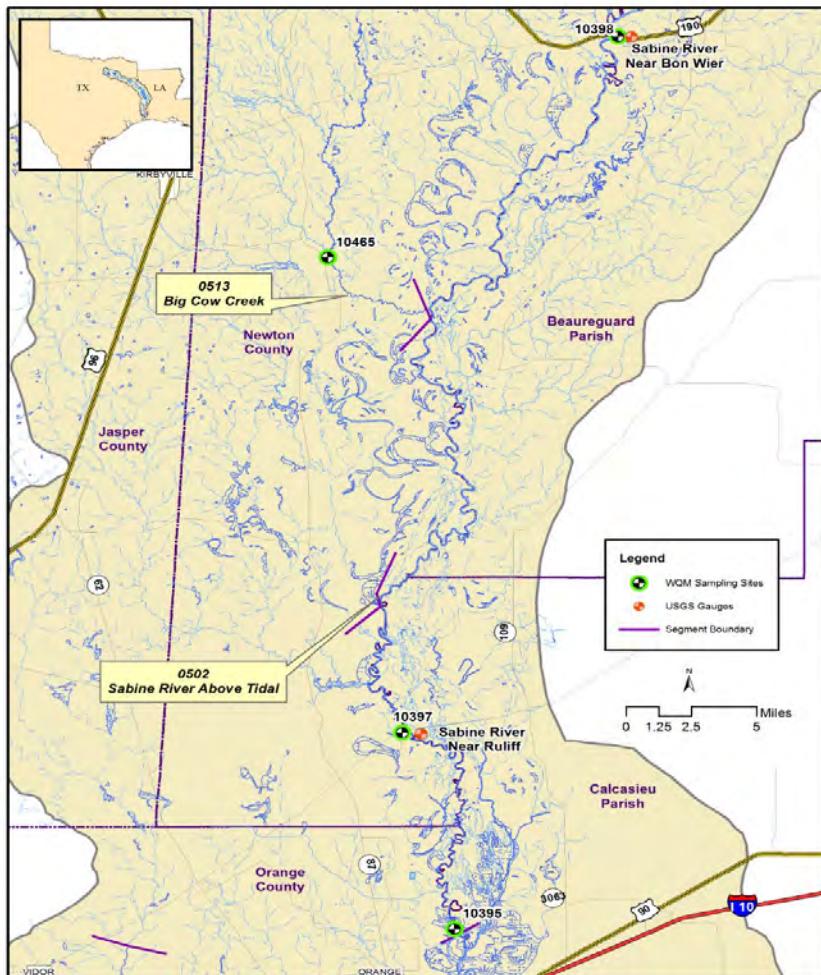
Segment 0502 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
5/11/2022 08:15	10397(SR2)	08030500	Sabine River near Ruliff, TX	2,510

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
5/11/2022 08:15	10397 (SR2)	0.3	27.9	6.8	7.4	93	137	88	0.28	27.0	8
	Segment 0513										
5/11/2022 09:32	10465 (BCC1)	0.3	24.6	5.9	7.2	86	45	29	0.31	25.7	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.

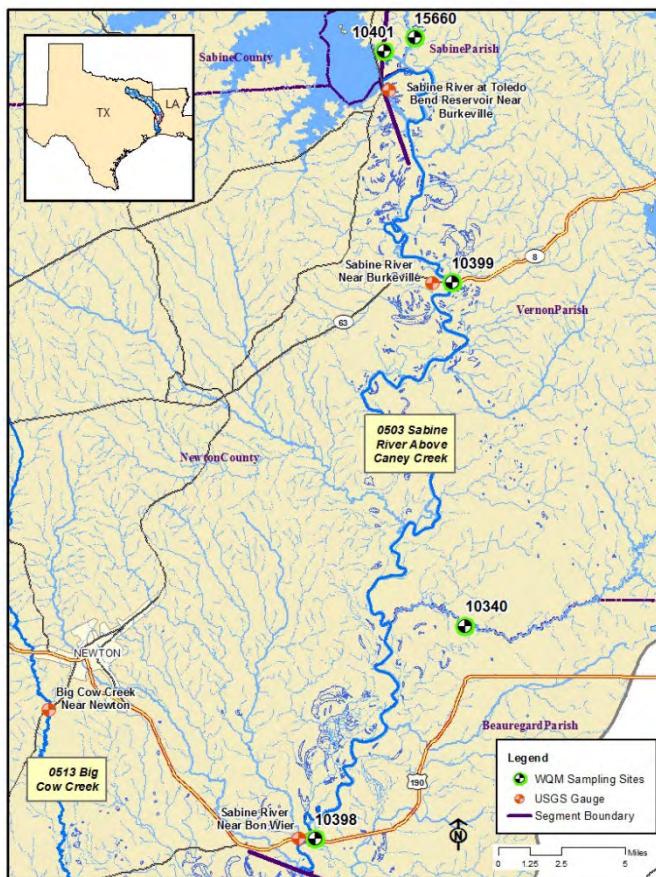
Segment 0503 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
5/11/2022 12:03	10398(SR3)	08028500	Sabine River near Bon Wier, TX	5,920
5/11/2022 10:50	10399(SR5)	08026000	Sabine River near Burkeville, TX	6,010

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
5/11/2022 12:03	10398 (SR3)	0.3	25.0	7.1	8.2	98	154	99	0.31	22.4	5
5/11/2022 11:32	10340 (BA4)	0.3	28.0	7.2	6.6	84	365	233	0.23	33.7	10
5/11/2022 10:50	10399 (SR5)	0.3	23.0	7.0	8.3	96	145	93	0.79	5.04	3
5/9/2022 13:01	10401 (TB6S)	0.3	23.6	7.4	9.0	106	144	93	>1.2	2.57	4
5/9/2022 12:35	15660 (BT1)	0.3	27.5	6.8	7.3	93	105	67	0.38	23.2	16

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
5/10/2022 14:13	10404 (TB6A)	0.3	24.8	7.5	8.8	109	148	94	2.0	2.74	<1
		1.0	22.9	7.4	8.5	100	148	94			
		2.0	22.3	7.3	8.2	96	147	94			
		3.0	21.8	7.2	7.8	91	146	93			
		4.0	21.4	7.1	7.5	86	146	93			
		5.0	20.9	7.0	6.9	78	146	93			
		8.0	20.3	6.8	5.9	66	146	94			
		11.0	19.3	6.6	5.3	58	146	94			
		14.0	17.9	6.3	4.6	48	145	93			
		17.0	16.9	6.1	3.4	36	146	93			
		20.0	16.7	6.1	3.2	33	145	93			
		23.0	16.1	6.2	2.7	28	145	93			
		26.0	16.7	6.3	0.9	9	143	92			
5/10/2022 07:58	10406 (TB6C)	0.3	27.5	7.3	8.1	102	143	92	1.2	4.98	1
		1.0	27.5	7.2	8.1	103	143	92			
		2.0	27.5	7.0	8.1	103	143	92			
		3.0	24.0	6.9	7.9	94	144	92			
		4.0	22.9	6.5	3.5	40	144	92			
5/10/2022 12:59	18054 (TB6Q)	0.3	27.6	8.4	9.1	116	154	98	1.7	2.01	<1
		1.0	27.6	8.2	9.1	116	154	98			
		2.0	27.5	8.1	9.2	117	153	98			
		3.0	27.2	8.0	9.3	117	153	98			
		4.0	27.1	7.9	9.2	116	154	98			
		5.0	26.9	7.8	9.0	113	153	98			
		6.0	26.5	7.6	8.7	109	152	98			
		7.0	26.4	7.4	8.4	104	153	98			
		8.0	25.4	7.0	5.9	70	155	100			
		9.0	23.6	6.3	2.1	25	159	102			

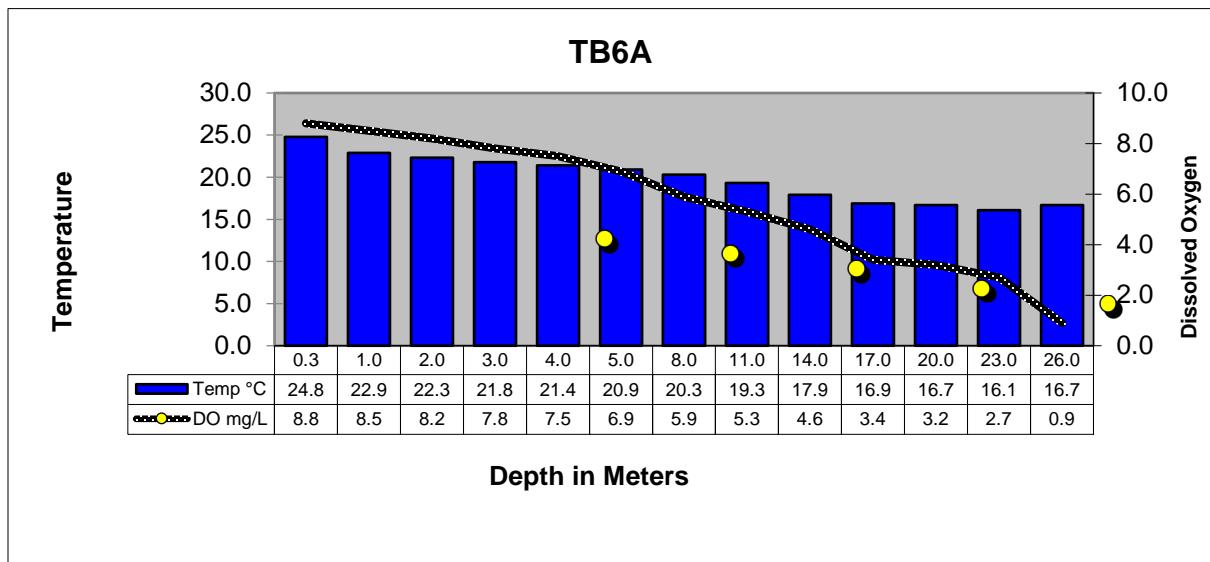
Segment 0504 Water Quality Continued

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
5/9/2022 10:15	10411 (TB6F)	0.3	27.6	7.5	8.4	107	126	81	0.82	4.24	40
		1.0	27.5	7.4	8.4	107	125	80			
		2.0	26.2	7.0	8.2	102	102	82			
		3.0	24.5	6.5	4.7	56	130	83			
		4.0	23.5	6.3	4.9	58	142	91			
		5.0	22.2	6.0	1.0	12	143	92			
5/10/2022 10:53	10402 (TB6H)	0.3	25.1	7.7	8.4	102	170	108	1.6	2.69	<1
		1.0	25.0	7.7	8.4	102	170	108			
		2.0	24.9	7.6	8.4	101	170	109			
		3.0	24.7	7.4	8.0	98	170	109			
		4.0	24.1	7.2	7.0	83	179	115			
		5.0	24.0	7.2	6.9	82	180	115			
		8.0	23.9	6.9	5.8	69	183	117			
		11.0	23.3	6.7	5.1	60	184	118			
		14.0	22.8	6.5	4.4	51	184	118			
		17.0	22.3	6.4	3.2	37	184	118			
		19.0	21.5	6.3	1.4	16	184	118			
5/9/2022 10:52	15659 (TB6K)	0.3	25.6	7.8	8.4	105	178	114	0.80	3.68	6
		1.0	25.6	7.6	8.4	104	178	114			
		2.0	25.4	7.3	8.1	99	179	115			
		3.0	25.3	7.0	7.9	97	176	114			
		4.0	25.1	6.9	7.6	92	178	114			
		5.0	24.2	6.6	4.5	53	182	116			
		6.0	23.7	6.3	3.1	36	183	117			
		7.0	23.3	6.2	1.7	19	188	120			
		8.0	23.1	6.1	1.0	11	190	121			
		9.0	22.7	6.0	0.6	7	185	118			
		10.0	22.6	6.0	0.6	7	185	119			
5/9/2022 09:32	15655 (TB6J)	0.3	27.8	8.0	8.9	114	169	109	0.58	6.34	10
		1.0	27.6	7.6	8.6	108	170	109			
		2.0	27.4	7.3	8.2	104	171	109			
		3.0	27.2	6.9	7.6	96	171	109			
		4.0	27.2	6.8	7.8	99	171	110			
		5.0	25.8	6.4	3.6	44	179	115			

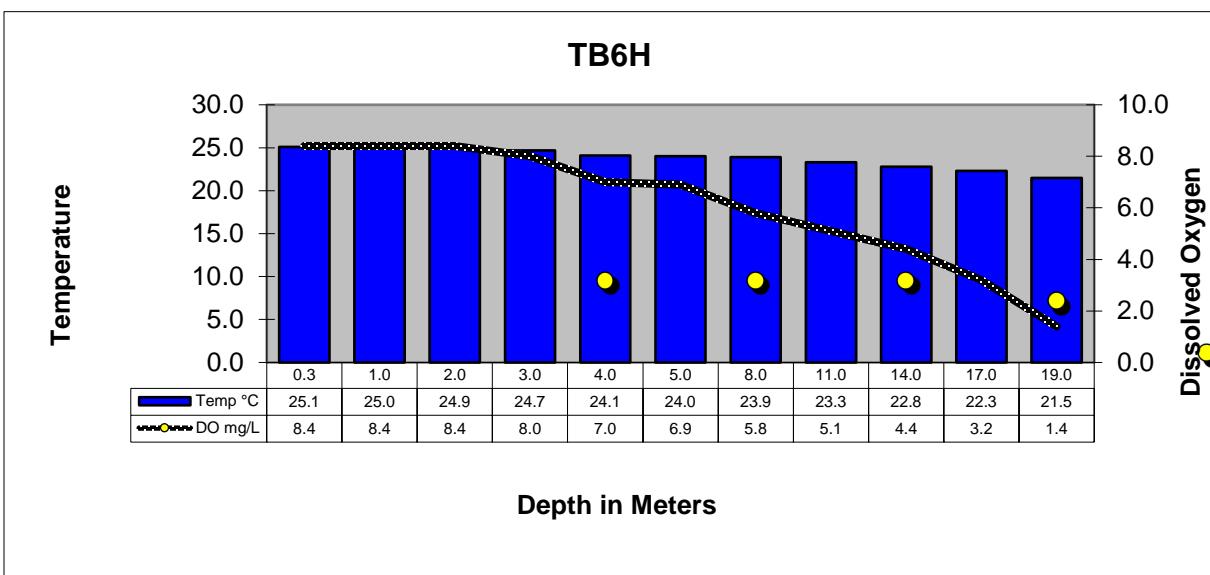
Segment 0504 Water Quality Continued

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
5/10/2022 11:55	18053 (TB6LN)	0.3	27.6	7.5	7.9	101	141	90	0.78	7.25	1
		1.0	27.4	7.3	7.9	100	140	90			
		2.0	27.3	7.2	7.8	98	140	90			
		3.0	27.1	7.0	7.6	96	144	92			
		4.0	26.8	7.0	7.6	96	150	97			
		5.0	26.6	7.0	7.7	96	155	99			
		6.0	26.6	7.0	7.7	96	156	100			
		7.0	26.5	6.8	1.1	12	156	100			
5/10/2022 09:30	18052 (TB6R)	0.3	26.3	7.4	7.3	91	178	115	0.70	8.63	<1
		1.0	26.2	7.3	7.2	90	179	114			
		2.0	26.2	7.3	7.2	90	179	114			
		3.0	26.2	7.3	7.2	89	178	114			
		4.0	26.2	7.2	7.2	89	178	114			
		5.0	26.2	7.2	7.2	89	179	114			
		6.0	26.2	7.1	7.1	88	179	115			
		7.0	26.1	7.0	6.9	86	179	114			
		8.0	26.1	6.9	6.9	85	179	115			
		9.0	26.0	6.8	6.6	82	179	115			
		10.0	25.9	6.7	6.5	80	179	114			
		11.0	25.5	6.6	6.5	80	178	114			
		12.0	25.0	6.4	5.6	69	179	114			
		13.0	24.7	6.4	3.9	48	180	115			
		14.0	24.6	6.4	3.4	45	181	116			

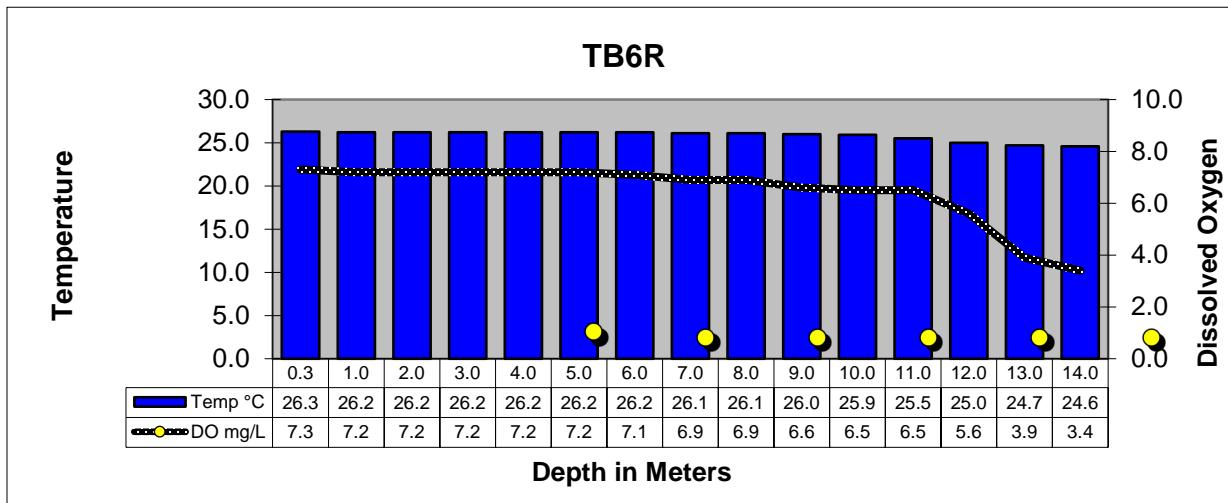
Toledo Bend Reservoir Profiles



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

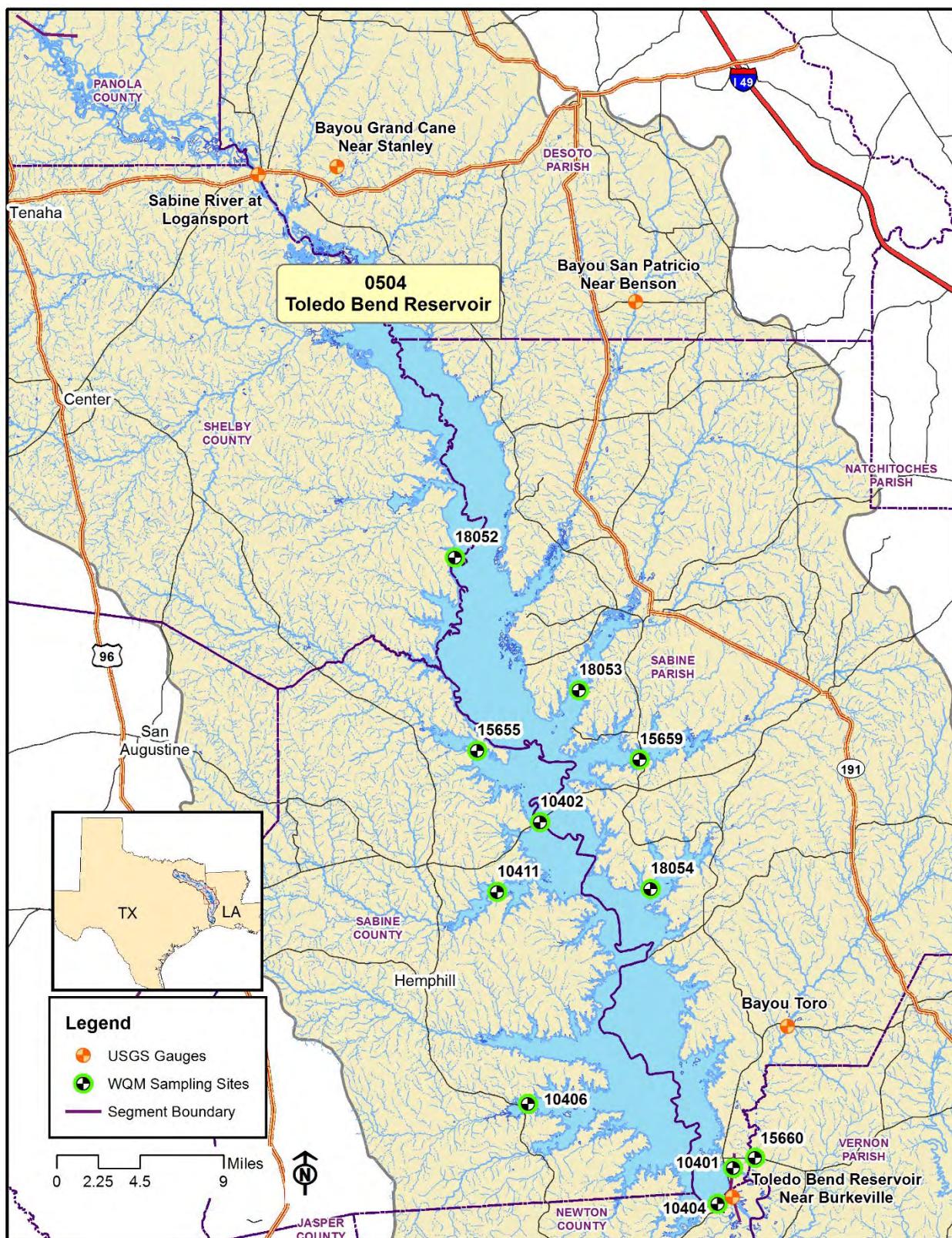


TOLEDO BEND RESERVOIR AT SH 21 NORTHEAST OF MILAM



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.

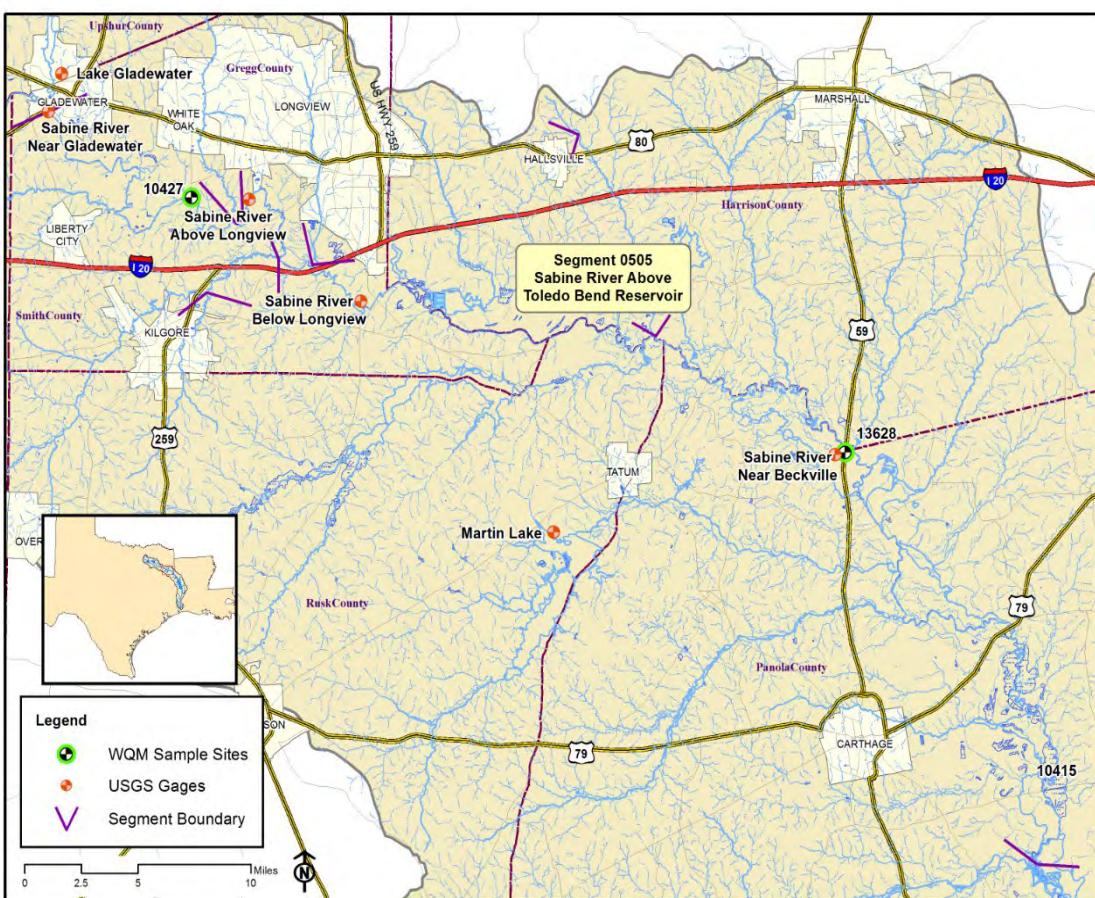
Segment 0505 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
5/11/22 09:25	13628(SR11)	08022040	Sabine River near Beckville, TX	2,940

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
5/11/22 10:08	10415(SR10)	0.3	25.8	6.7	6.1	83	188	121	0.08	82.2	55
5/11/22 09:25	13628(SR11)	0.3	25.7	6.6	5.8	72	190	122	0.06	275	101
5/11/22 08:22	10427(SR16)	0.3	25.6	6.7	5.7	70	207	132	0.05	111	96

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)
5/11/22 07:35	10428(SR17)	08020000	Sabine River near Gladewater, TX	1,070
5/11/22 06:48	10429(SR19)	08019200	Sabine River near Hawkins, TX	417
5/10/22 15:03	10430(SR21)	08018500	Sabine River near Mineola, TX	141
Segment 0514				
5/11/22 07:11	10468(BS1)	08019500	Big Sandy Creek near Big Sandy, TX	86

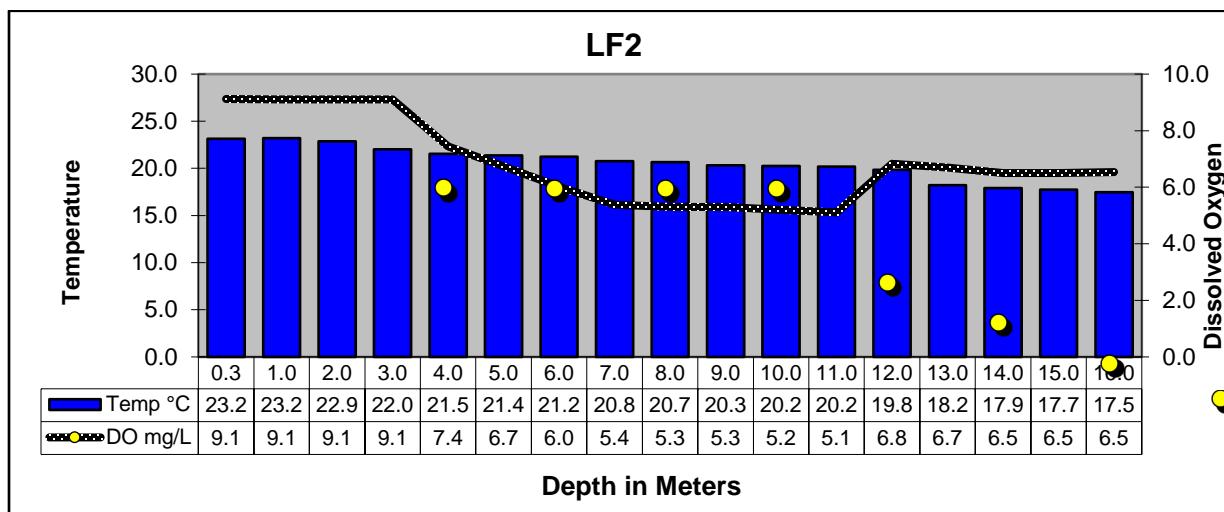
Segment 0506 Water Quality

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
5/11/22 07:35	10428(SR17)	0.3	25.1	6.7	5.8	70	172	110	0.05	122	86
5/11/22 06:48	10429(SR19)	0.3	25.7	6.9	5.9	74	248	160	0.11	60.5	67
5/10/22 15:03	10430(SR21)	0.3	26.0	6.9	5.5	69	317	203	0.08	65.0	365
Segment 0514											
5/11/22 07:11	10468(BS1)	0.3	25.4	6.6	6.0	75	151	97	0.48	16.4	122
Segment 0515											
5/10/22 15:35	10469(LF20)	0.3	26.7	6.8	6.4	81	251	161	0.18	37.6	33

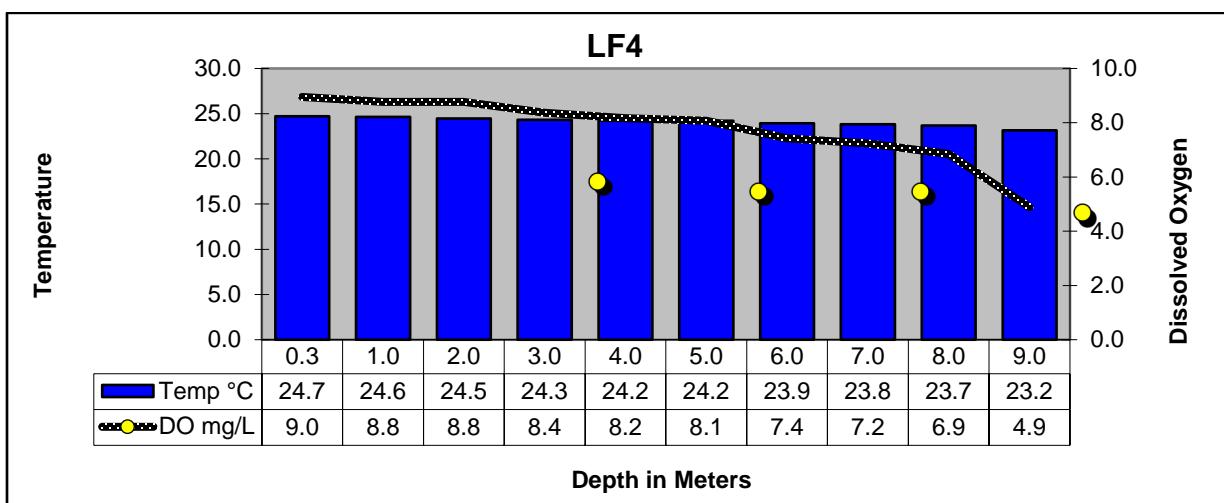
Segment 0506 Water Quality Continued

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											
5/10/22 14:31	10458(LF2)	0.3	23.2	7.6	9.1	107	154	98	0.82	2.25	1
		1.0	23.2	7.5	9.1	107	154	98			
		2.0	22.9	7.5	9.1	107	154	98			
		3.0	22.0	7.4	9.1	107	154	98			
		4.0	21.5	7.3	7.4	107	154	98			
		5.0	21.4	7.2	6.7	87	154	98			
		6.0	21.2	7.1	6.0	84	154	98			
		7.0	20.8	7.1	5.4	77	154	98			
		8.0	20.7	7.0	5.3	61	154	98			
		9.0	20.3	6.9	5.3	60	154	98			
		10.0	20.2	6.9	5.2	59	154	98			
		11.0	20.2	6.8	5.1	57	154	98			
		12.0	19.8	6.8	6.8	54	154	98			
		13.0	18.2	6.7	6.7	47	156	99			
		14.0	17.9	6.5	6.5	12	157	100			
		15.0	17.7	6.5	6.5	12	160	102			
		16.0	17.5	6.5	6.5	3	162	104			
5/10/22 12:24	10462(LF4)	0.3	24.7	7.8	9.0	108	160	103	0.58	4.25	1
		1.0	24.6	7.8	8.8	106	160	103			
		2.0	24.5	7.7	8.8	106	160	103			
		3.0	24.3	7.5	8.4	101	160	103			
		4.0	24.2	7.4	8.2	99	160	103			
		5.0	24.2	7.3	8.1	97	160	103			
		6.0	23.9	7.2	7.4	89	161	103			
		7.0	23.8	7.0	7.2	86	162	103			
		8.0	23.7	6.9	6.9	82	162	103			
		9.0	23.2	6.7	4.9	55	166	107			
5/10/22 13:00	10461(LF3)	0.3	25.5	8.0	8.7	107	165	106	0.48	4.96	10
		1.0	25.4	7.8	8.6	106	165	106			
		2.0	25.2	7.6	8.4	102	166	106			
		3.0	25.1	7.5	8.2	100	166	106			
		4.0	24.8	7.4	8.1	99	164	106			
		5.0	24.7	7.3	8.0	97	162	104			
		6.0	24.3	7.0	6.6	80	164	105			
		7.0	24.1	6.8	4.6	55	170	109			

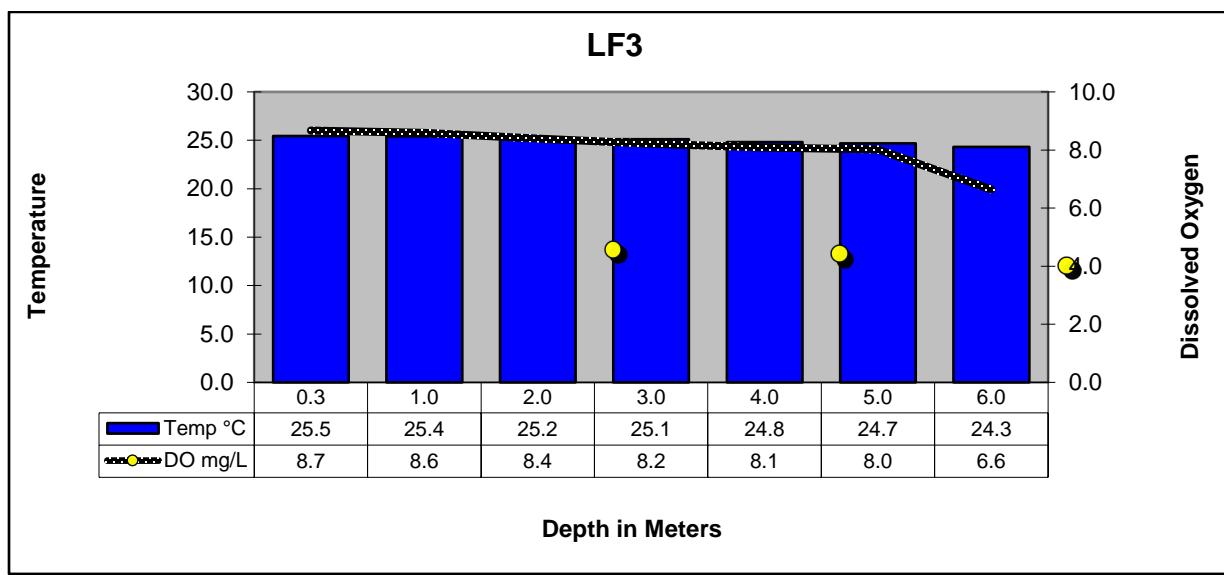
Lake Fork Reservoir Profiles



LAKE FORK RESERVOIR NEAR DAM IN CREEK CHANNEL

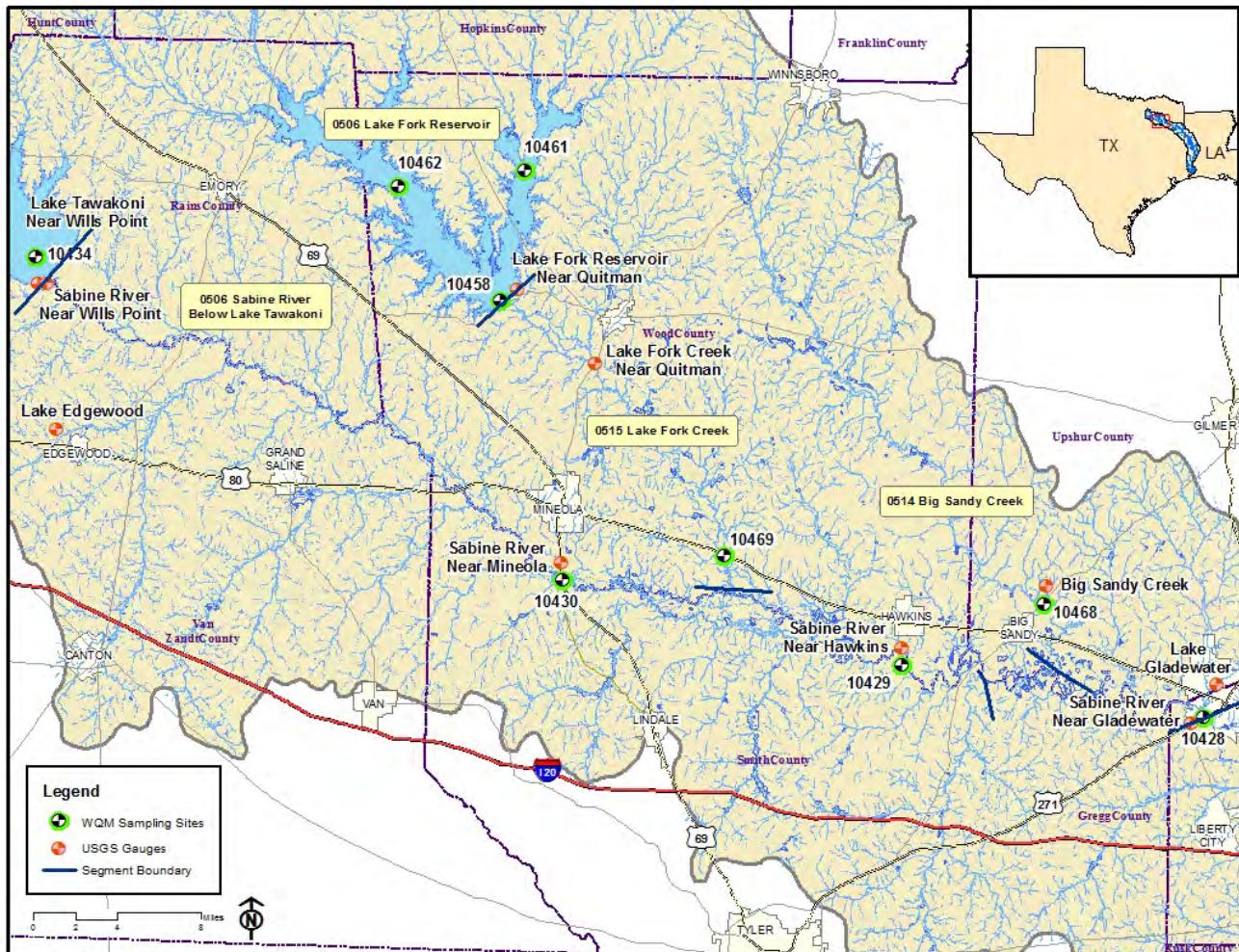


LAKE FORK RESERVOIR MID-COVE IN LAKE FORK CREEK ARM AT FM515



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

Segments 0506, 0512, 0514 & 0515



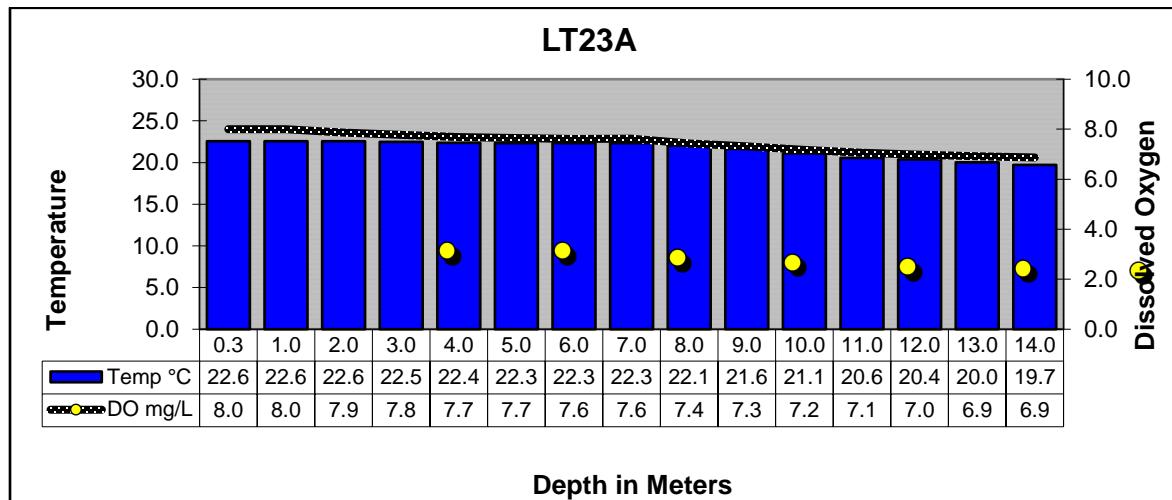
Segment 0507 - Lake Tawakoni

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.

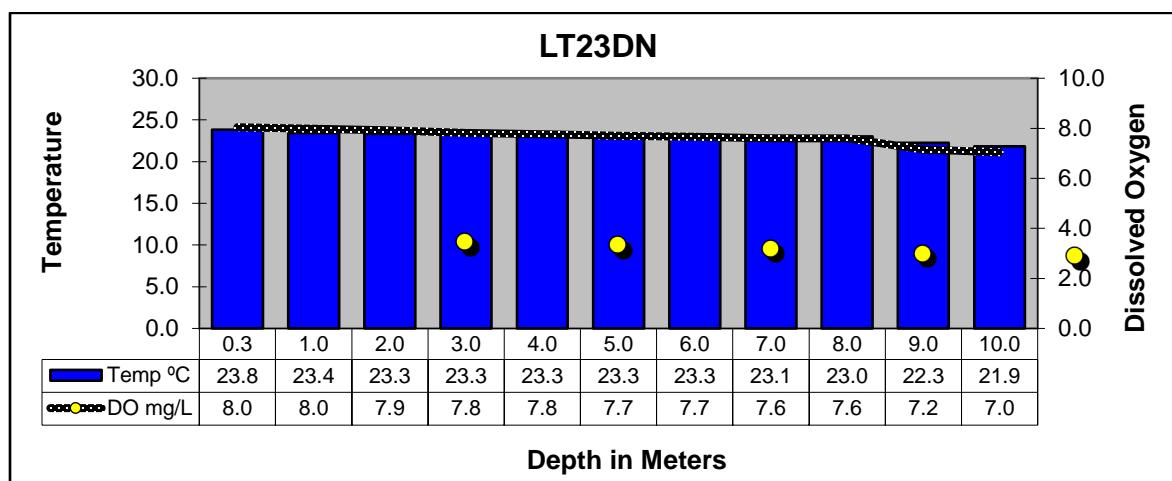
Segment 0507 Water Quality

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	E. coli mpn/100mL
5/10/22 11:20	10434(LT23A)	0.3	22.6	8.0	8.7	102	202	129	0.48	5.93	<1
		1.0	22.6	8.0	8.7	102	202	129			
		2.0	22.6	7.9	8.7	102	202	129			
		3.0	22.5	7.8	8.7	102	202	129			
		4.0	22.4	7.7	8.6	100	202	129			
		5.0	22.3	7.7	8.4	98	202	129			
		6.0	22.3	7.6	8.3	97	202	129			
		7.0	22.3	7.6	8.2	96	202	129			
		8.0	22.1	7.4	8.1	94	203	130			
		9.0	21.6	7.3	7.1	82	203	130			
		10.0	21.1	7.2	6.2	71	203	130			
		11.0	20.6	7.1	4.4	49	204	130			
		12.0	20.4	7.0	3.7	42	205	131			
		13.0	20.0	6.9	2.1	24	206	131			
		14.0	19.7	6.9	1.4	15	207	132			
5/10/22 10:50	21173(LT23DN)	0.3	23.8	8.0	8.3	99	204	131	0.51	9.01	1
		1.0	23.4	8.0	8.3	99	204	131			
		2.0	23.3	7.9	8.3	99	205	131			
		3.0	23.3	7.8	8.3	98	205	131			
		4.0	23.3	7.8	8.1	97	205	131			
		5.0	23.3	7.7	7.9	94	205	131			
		6.0	23.3	7.7	7.9	93	205	131			
		7.0	23.1	7.6	7.8	93	205	131			
		8.0	23.0	7.6	7.7	91	205	131			
		9.0	22.3	7.2	4.5	52	209	134			
		10.0	21.9	7.0	5.0	58	211	135			
5/10/22 10:12	10437(LT23B)	0.3	24.2	8.0	8.4	102	204	131	0.50	7.52	1
		1.0	24.1	8.0	8.4	102	204	131			
		2.0	24.2	7.9	8.4	101	204	131			
		3.0	24.1	7.9	8.4	101	205	131			
		4.0	24.1	7.8	8.4	101	205	131			
		5.0	24.1	7.7	8.1	98	205	131			
		6.0	24.0	7.7	8.0	97	205	131			
		7.0	24.0	7.7	7.9	95	205	131			
		8.0	24.0	7.6	7.8	94	205	131			
		9.0	17.1	7.8	6.8	71	193	122			

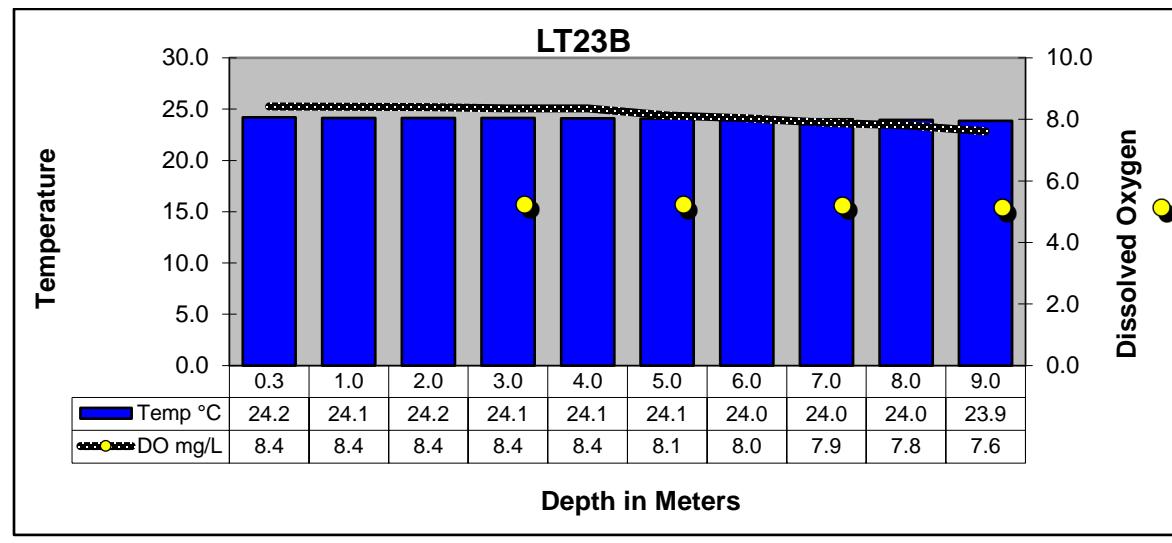
Lake Tawakoni Reservoir Profiles



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

