
SABINE RIVER AUTHORITY OF TEXAS

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

The Environmental Services Field Offices conducted water quality monitoring in the Sabine Basin from September 19th through the 22nd. 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 upper 80s to low 90s. Low temperatures were in the low 60s to low 70s. The tidal stations received 0.30 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 10.3 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 hot with highs in the upper 80s to low 90s. Low temperatures were in the low 60s to low 70s. Toledo Bend received no rainfall during the seven days prior to the sampling event.

Lake Level - The level of Toledo Bend was 167.85 feet with a daily average discharge of 260 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 upper 90s. Low temperatures were in the low 50s to low 70s. Lake Fork and Lake Tawakoni received no rainfall during the seven days prior to sampling.

Lake Level - The level of Lake Tawakoni was 433.98 feet msl with a release of 6 cfs on the day of sampling. The level of Lake Fork was 396.97 feet msl with a 50 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

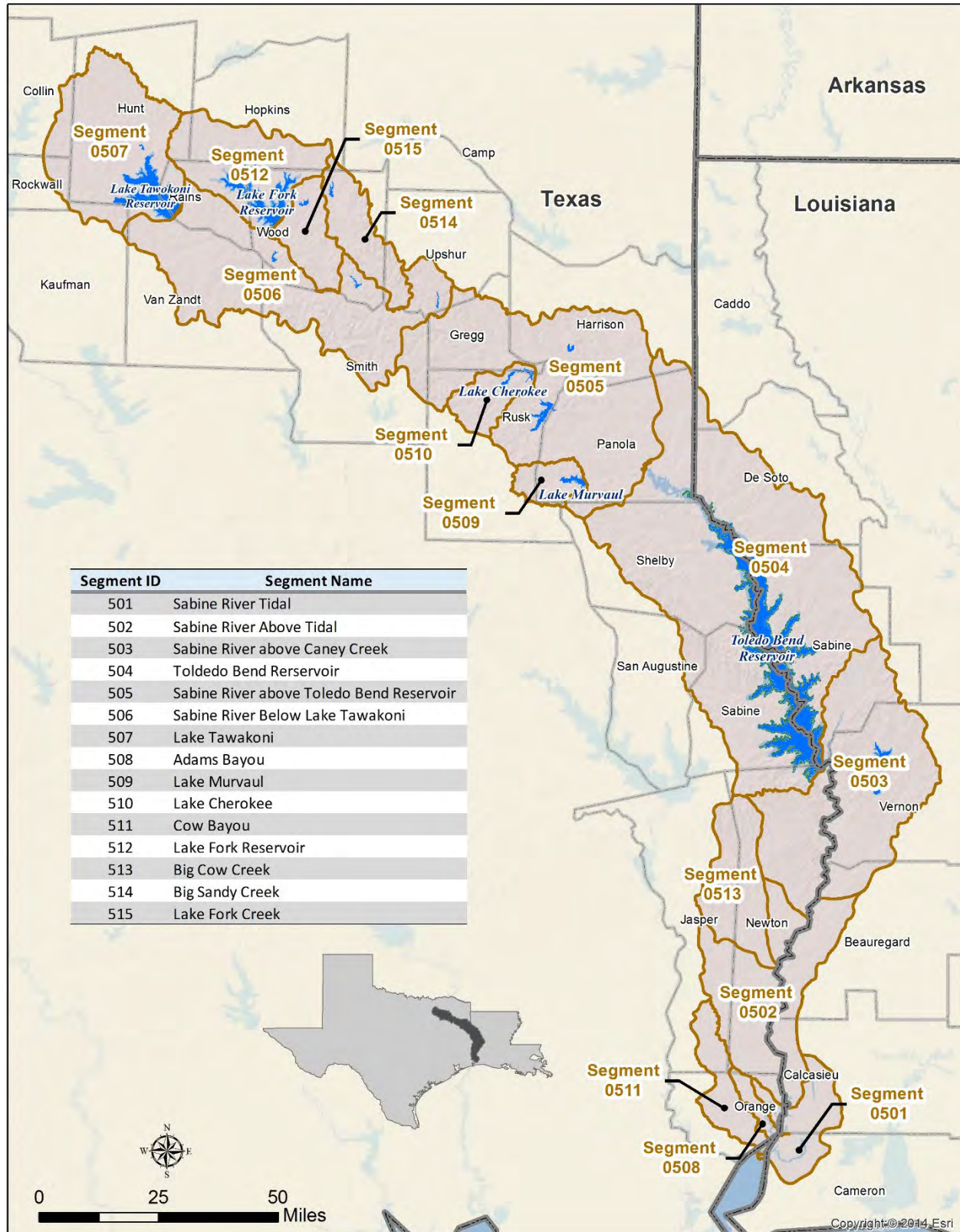
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Sabine Basin Map



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
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.

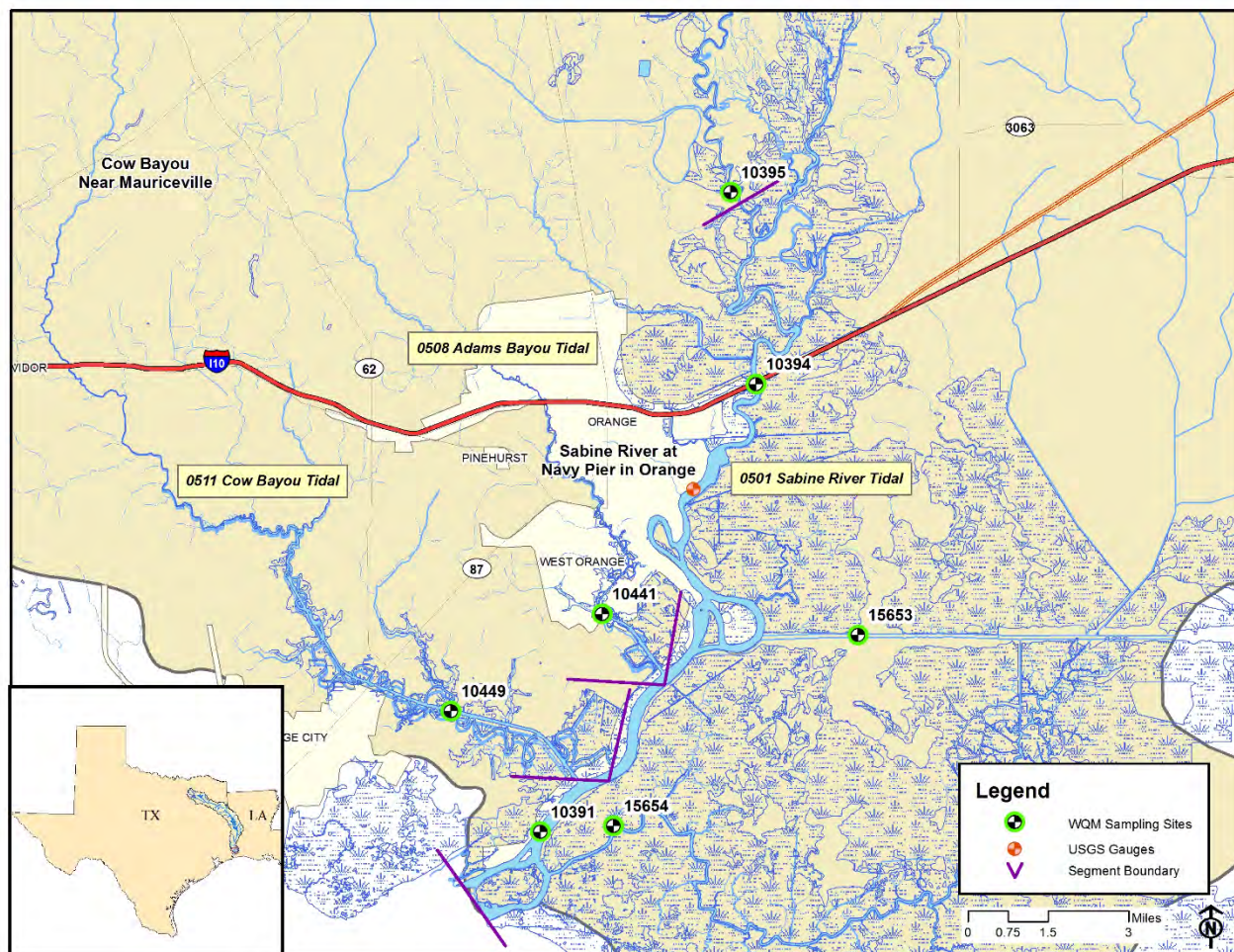
Segment 0508 – Adams Bayou Tidal. The segment reaches from the confluence with the Sabine River in Orange County to a point 1.1 kilometers (0.7 miles) upstream of IH-10 in Orange County.

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
9/22/2022 09:20	10391 (SRT1)	0.3	29.9	7.0	5.3	74	13,400	8,580	7.7	0.67	7.06	20
		2.5	29.8	7.0	5.2	72	14,100	9,030	8.1			
		5.0	29.8	7.0	5.0	70	14,900	9,530	8.6			
		7.5	29.9	7.0	5.0	69	15,800	10,000	9.1			
		10.0	30.3	7.0	4.6	65	17,500	11,200	10.3			
9/22/2022 09:03	15654 (BB1)	0.3	30.3	6.8	4.2	57	11,100	7,130	6.3	0.56	9.06	20
		2.0	30.3	6.8	4.4	61	12,600	8,020	7.2			
		4.0	30.3	6.8	4.5	63	13,100	8,370	7.5			
Segment 0511												
9/22/2022 08:40	10449 (CB1)	0.3	29.4	6.8	4.9	66	6,800	4,310	3.8	0.56	8.16	52
		2.5	30.2	6.8	4.2	58	11,000	7,050	6.3			
		5.0	30.2	6.8	3.7	51	11,700	7,480	6.7			
Segment 0508												
9/22/2022 09:40	10441 (AB2)	0.3	29.2	6.7	3.9	52	6,460	4,160	3.6	0.66	5.88	160
		2.0	30.3	6.6	3.3	46	10,100	6,450	5.7			
		4.0	30.1	6.6	1.9	26	10,300	6,580	5.8			
9/22/2022 10:00	15653 (ICW1)	0.3	30.9	6.9	5.6	79	12,000	7,710	6.9	0.66	9.16	20
		2.0	30.8	6.8	5.6	78	12,000	7,790	6.9			
		4.0	30.9	6.8	5.4	76	12,300	7,900	7.1			
		6.0	31.0	6.8	5.2	72	12,700	8,130	7.3			
9/22/2022 10:53	10394 (SRT2)	0.3	28.4	6.8	3.9	52	1,760	1,130	0.9	0.80	5.99	10
		3.0	29.6	6.7	3.4	32	5,230	3,350	2.9			
		6.0	29.4	6.6	0.8	10	12,900	8,450	7.8			
		9.0	29.2	6.6	0.1	1	14,100	9,040	8.2			
9/22/2022 11:24	10395 (SR1)	0.3	29.8	7.0	3.0	41	541	348	0.3	0.34	14.4	<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.

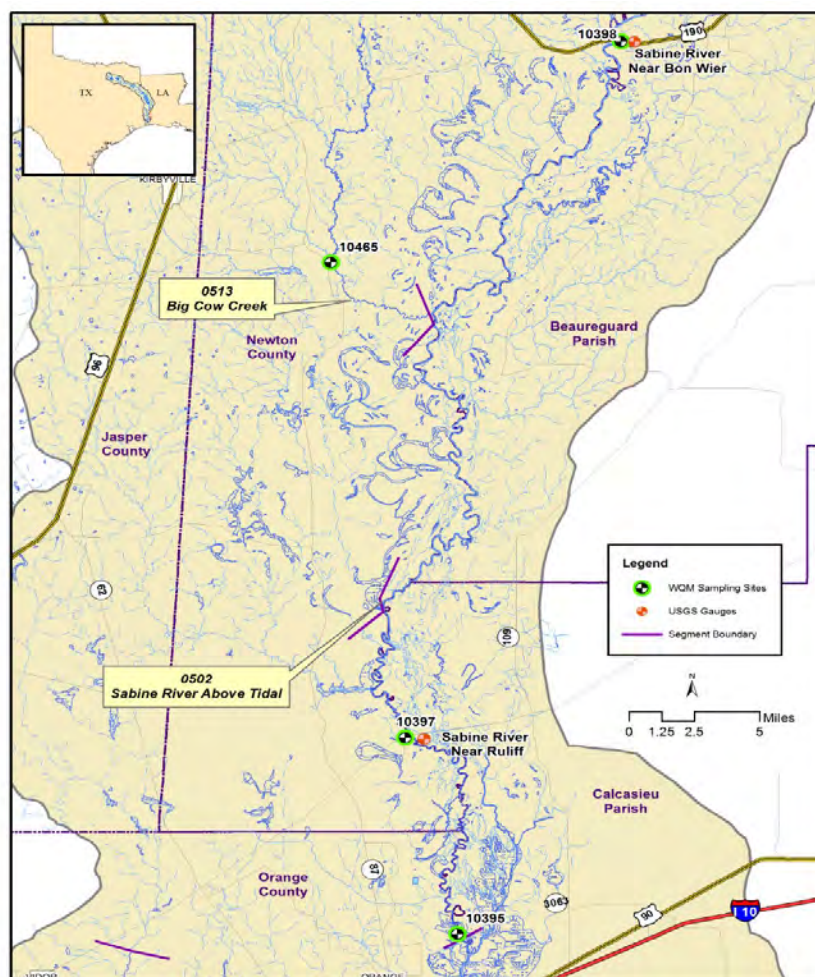
Segment 0502 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
9/21/2022 08:05	10397(SR2)	08030500	Sabine River near Ruliff, TX	861

Segments 0502 and 0513 Water Quality

Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	E.coli mpn/100mL
9/21/2022 08:05	10397 (SR2)	0.3	29.1	7.2	6.2	81	254	162	0.36	20.4	12
Segment 0513											
9/21/2022 09:24	10465 (BCC1)	0.3	24.4	6.8	7.6	91	31	20	0.83	11.0	98

Segments 0502 & 0513



Segment 0503 - Sabine River Above Caney Creek

Description: The designated segment includes the Sabine River from a point immediately upstream of the confluence with Caney Creek in Newton County up to Toledo Bend Dam in Newton County. This is largely a rural area, including one major city with a population greater than 5,000 and few industries. Two major tributaries that flow from Louisiana include Bayou Anacoco and Bayou Toro.

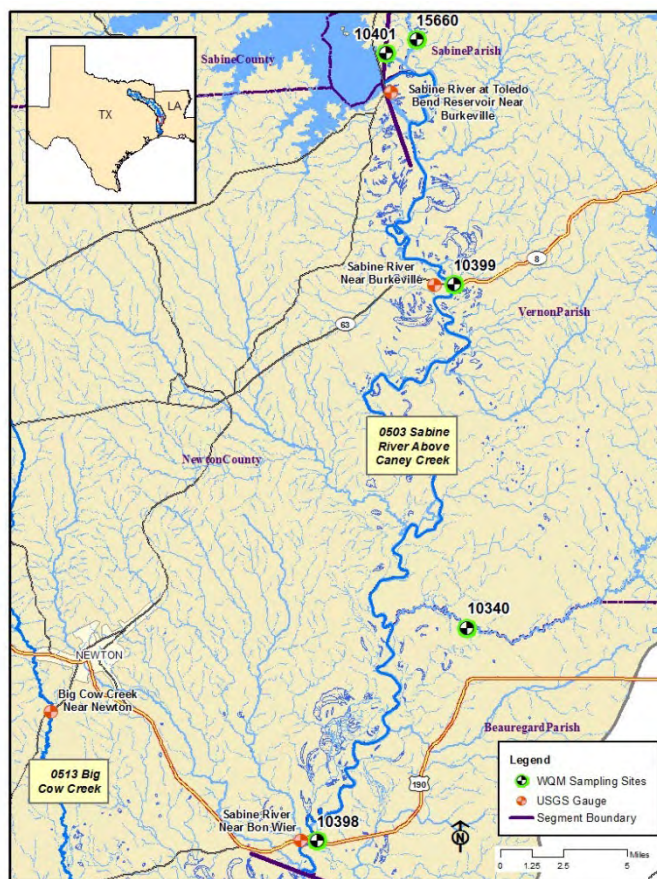
Segment 0503 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
9/21/2022 11:40	10398(SR3)	08028500	Sabine River near Bon Wier, TX	558
9/21/2022 10:35	10399(SR5)	08026000	Sabine River near Burkeville, TX	289

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
9/21/2022 11:40	10398 (SR3)	0.3	30.1	7.7	8.0	107	288	184	0.42	10.5	1
9/21/2022 11:17	10340 (BA4)	0.3	27.8	7.8	6.5	84	1,170	747	0.41	12.7	16
9/21/2022 10:35	10399 (SR5)	0.3	28.4	7.4	7.5	96	119	76	0.70	6.47	7
9/19/2022 12:28	10401 (TB6S)	0.3	29.2	7.7	8.1	106	124	79	>1.2	1.80	3
9/19/2022 12:09	15660 (BT1)	0.3	28.4	7.2	7.1	91	69	45	0.53	15.2	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	<i>E.coli</i> mpn/100mL
9/20/2022 14:47	10404 (TB6A)	0.3	30.9	8.1	8.5	114	123	79	1.8	1.38	<1
		1.0	30.7	8.2	8.5	114	123	78			
		2.0	30.3	8.1	8.6	114	123	78			
		3.0	29.9	8.0	8.6	114	123	78			
		4.0	29.0	7.8	8.3	111	122	78			
		5.0	28.4	7.4	8.0	104	122	78			
		8.0	27.6	6.9	6.1	78	124	80			
		11.0	26.4	6.6	2.0	26	125	80			
		14.0	21.6	6.4	0.1	1	126	81			
		17.0	20.3	6.5	<0.1	<1	132	85			
		20.0	19.6	6.5	<0.1	<1	139	89			
		23.0	18.3	6.7	<0.1	<1	150	96			
		25.0	17.5	6.7	<0.1	<1	218	140			
9/20/2022 07:58	10406 (TB6C)	0.3	30.3	7.8	8.0	107	123	79	0.96	5.63	<1
		1.0	30.3	7.8	8.0	107	123	79			
		2.0	30.3	7.7	8.1	107	123	79			
		3.0	30.2	7.3	5.5	66	128	78			
9/20/2022 13:33	18054 (TB6Q)	0.3	31.4	8.8	10.2	138	136	88	1.0	2.89	<1
		1.0	31.3	8.9	10.3	139	136	87			
		2.0	30.1	8.9	10.2	134	136	87			
		3.0	28.7	8.4	8.2	104	136	87			
		4.0	28.5	8.0	7.4	94	136	87			
		5.0	28.2	7.6	4.2	54	136	87			
		6.0	27.7	7.1	1.1	14	136	87			
		7.0	27.6	6.9	0.6	8	137	88			
		8.0	27.6	6.8	0.7	9	137	87			

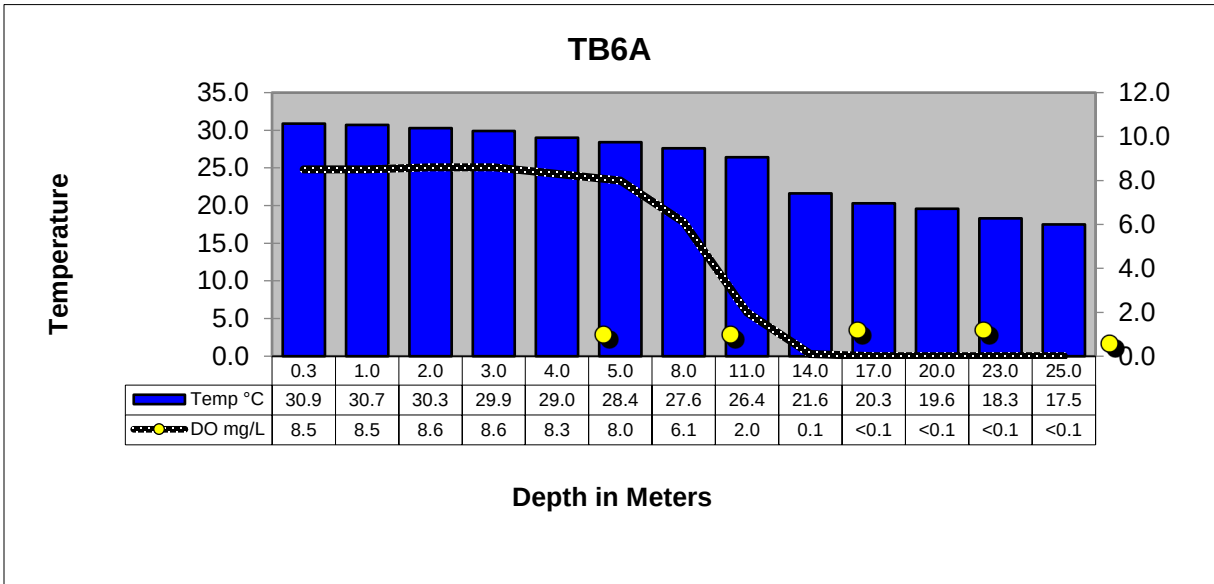
Segment 0504 Water Quality Continued

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
9/19/2022 10:09	10411 (TB6F)	0.3	30.2	8.5	9.2	122	136	87	0.54	4.64	<1
		1.0	29.8	8.5	9.0	118	135	87			
		2.0	29.7	8.2	8.3	107	136	87			
		3.0	28.9	7.6	3.0	39	133	85			
		4.0	28.4	7.2	0.4	5	133	85			
9/20/2022 11:12	10402 (TB6H)	0.3	29.9	8.7	10.3	136	148	95	0.84	2.96	<1
		1.0	29.6	8.6	10.3	135	148	95			
		2.0	28.5	8.2	9.1	117	146	93			
		3.0	28.0	7.2	5.8	74	148	95			
		4.0	27.9	7.1	5.0	64	148	95			
		5.0	27.9	7.1	4.8	61	148	95			
		8.0	27.8	7.0	4.4	57	150	96			
		11.0	27.6	6.9	3.7	47	151	96			
		14.0	22.3	6.8	<0.1	<1	163	105			
		17.0	20.6	6.8	<0.1	<1	164	105			
		20.0	20.4	6.8	<0.1	<1	166	106			
9/19/2022 10:36	15659 (TB6K)	0.3	29.3	8.6	9.2	121	159	102	0.50	6.06	1
		1.0	29.2	8.6	9.3	120	154	99			
		2.0	28.3	8.1	7.2	91	152	97			
		3.0	27.8	7.6	5.0	63	153	97			
		4.0	27.5	7.3	2.4	30	157	100			
		5.0	27.1	7.0	0.1	2	165	105			
		6.0	27.1	6.9	0.1	1	165	105			
		7.0	27.0	6.9	0.1	1	168	107			
		8.0	27.0	6.8	0.1	1	169	109			
9/19/2022 09:33	15655 (TB6J)	0.3	29.7	8.3	8.1	107	151	97	0.49	8.64	1
		1.0	29.6	8.2	7.7	101	151	97			
		2.0	29.3	8.2	8.0	104	153	98			
		3.0	29.1	7.7	6.2	80	151	97			
		4.0	28.6	7.2	2.6	34	152	97			

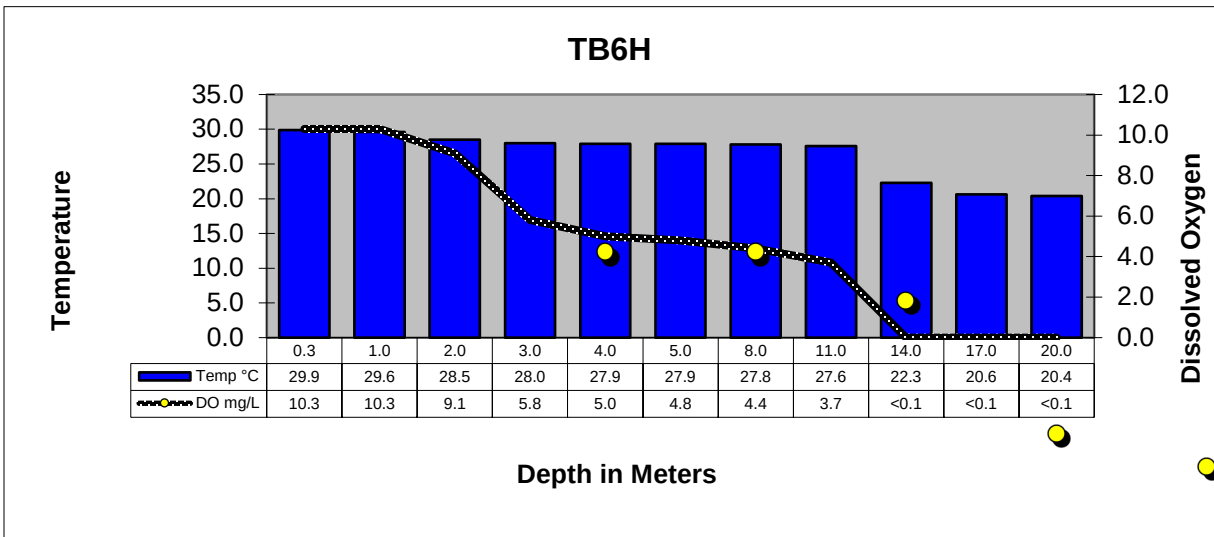
Segment 0504 Water Quality Continued

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
9/20/2022 12:33	18053 (TB6LN)	0.3	31.0	9.1	11.5	155	150	96	0.86	3.70	<1
		1.0	30.7	9.2	11.6	156	151	96			
		2.0	30.0	9.0	10.7	140	150	96			
		3.0	28.9	8.5	7.7	96	147	94			
		4.0	28.3	7.6	3.8	48	147	94			
		5.0	27.9	7.1	0.7	9	148	95			
9/20/2022 09:36	18052 (TB6R)	0.3	29.3	8.8	10.9	142	162	104	0.82	4.64	<1
		1.0	29.1	8.6	10.3	135	162	104			
		2.0	28.1	7.2	5.6	72	168	107			
		3.0	27.8	7.0	4.0	51	171	109			
		4.0	27.7	6.9	3.1	40	172	110			
		5.0	27.6	6.9	2.8	36	171	110			
		6.0	27.6	6.9	3.0	38	170	109			
		7.0	27.4	6.9	2.8	35	169	108			
		8.0	27.2	6.9	2.3	29	165	106			
		9.0	26.8	6.8	1.1	14	165	106			
		10.0	26.8	6.9	0.9	12	166	106			
		11.0	26.8	6.9	0.7	9	167	107			
		12.0	26.8	7.0	0.6	7	167	107			

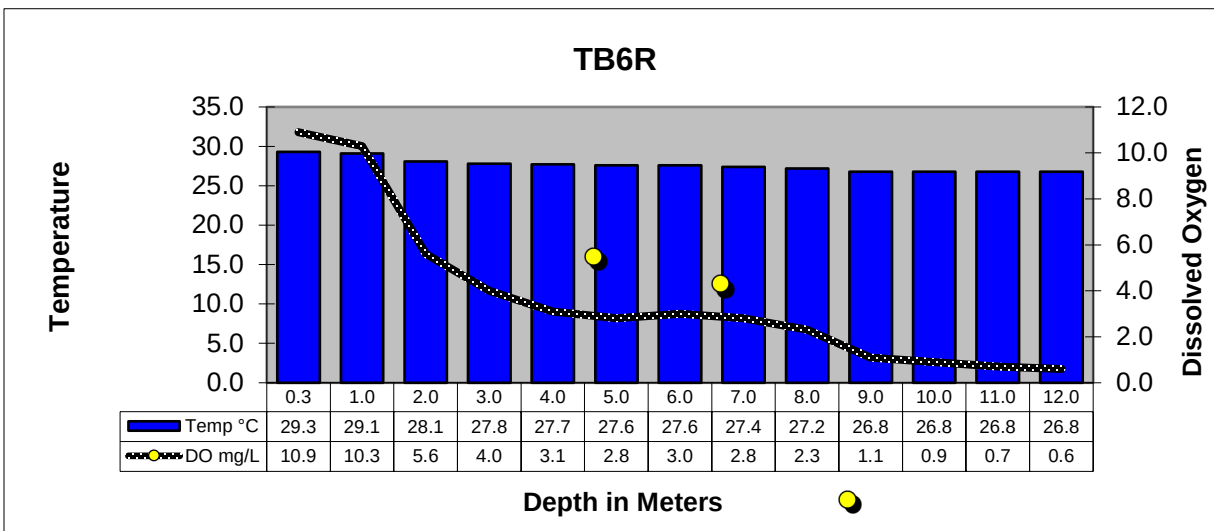
Toledo Bend Reservoir Profiles



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

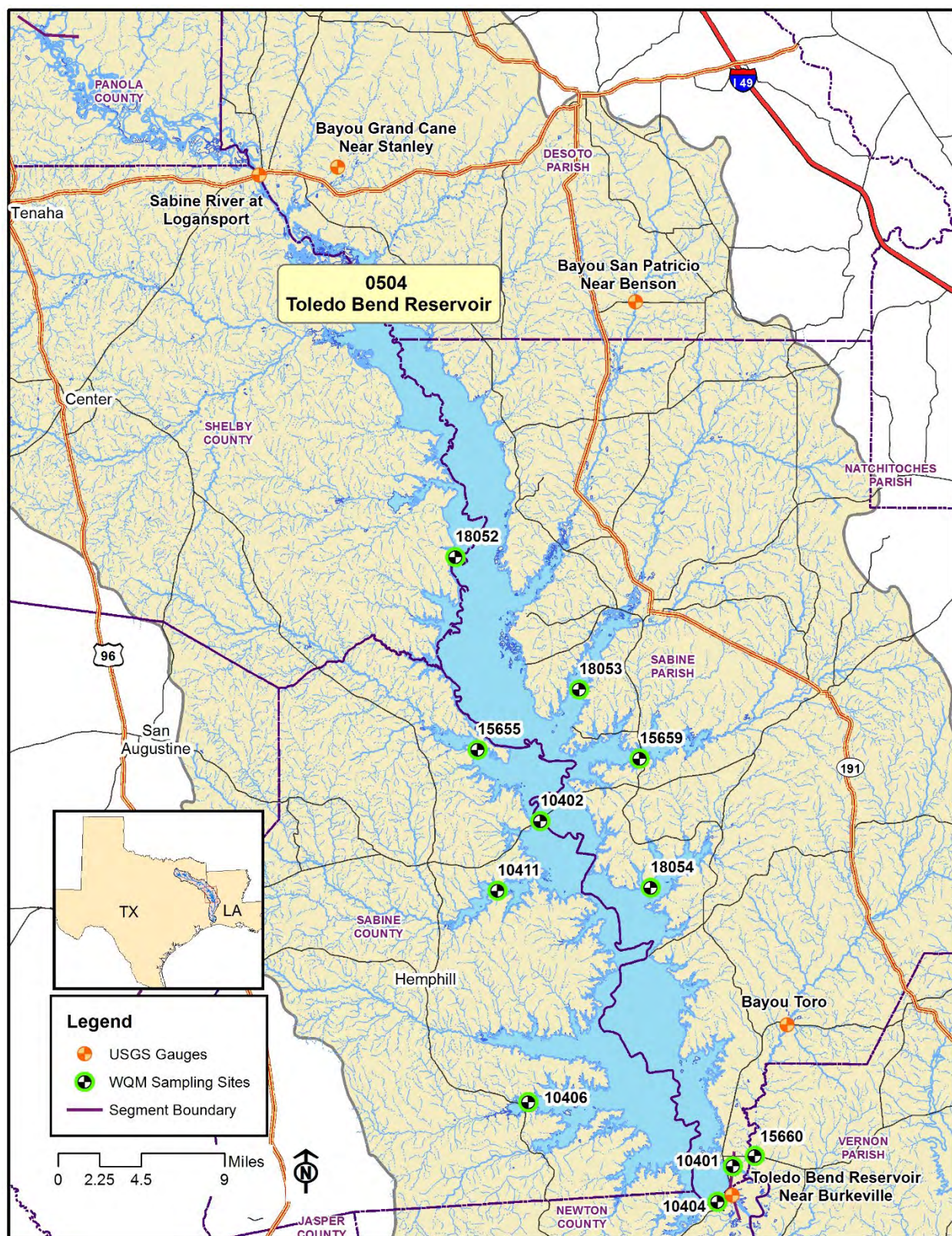


TOLEDO BEND RESERVOIR AT SH 21 NORTHEAST OF MILAM



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.

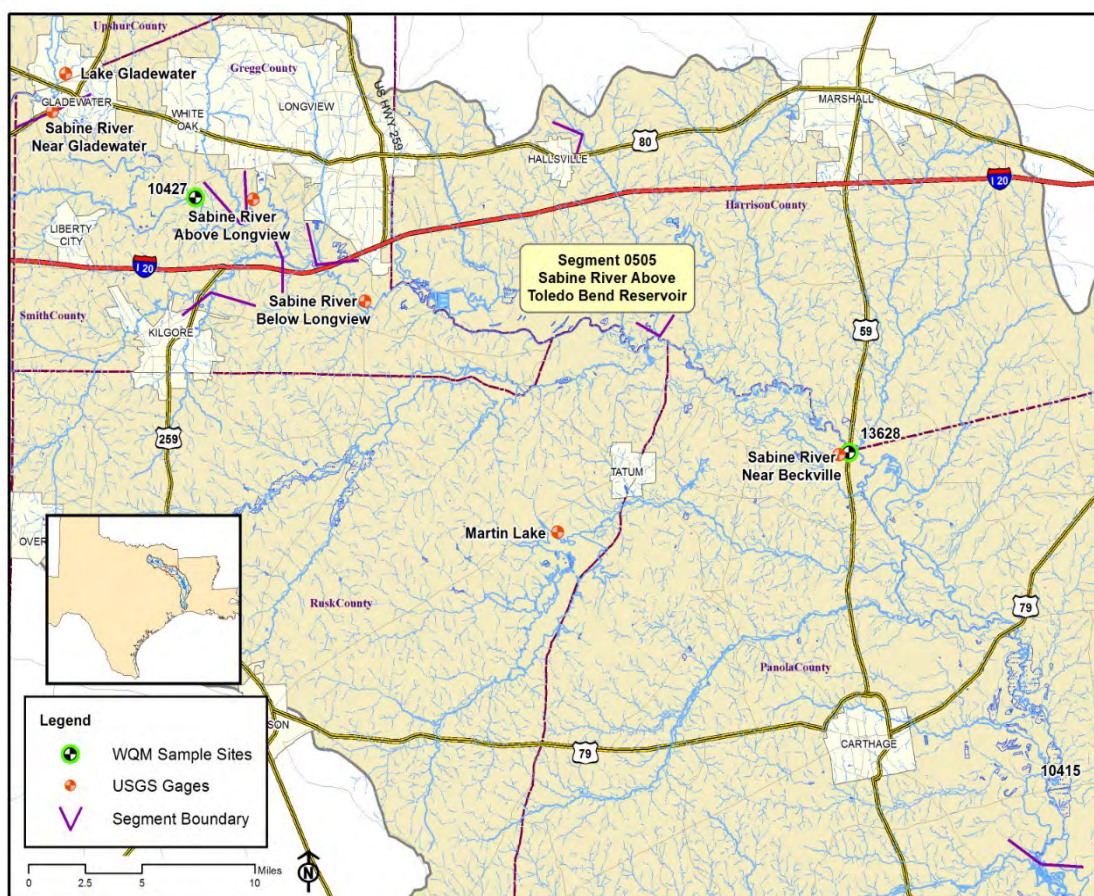
Segment 0505 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
9/20/22 09:50	13628(SR11)	08022040	Sabine River near Beckville, TX	167

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
9/20/22 10:25	10415(SR10)	0.3	28.5	7.3	6.8	89	422	270	0.22	41.5	7
9/20/22 09:50	13628(SR11)	0.3	28.4	8.6	8.0	104	566	362	0.17	59.3	1
9/20/22 08:41	10427(SR16)	0.3	27.7	7.2	6.1	78	333	213	0.22	45.8	9

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)
9/20/22 08:20	10428(SR17)	08020000	Sabine River near Gladewater, TX	89
9/20/22 07:15	10429(SR19)	08019200	Sabine River near Hawkins, TX	68
9/19/22 14:28	10430(SR21)	08018500	Sabine River near Mineola, TX	11
Segment 0514				
9/20/22 07:47	10468(BS1)	08019500	Big Sandy Creek near Big Sandy, TX	9.8

Segment 0506 Water Quality

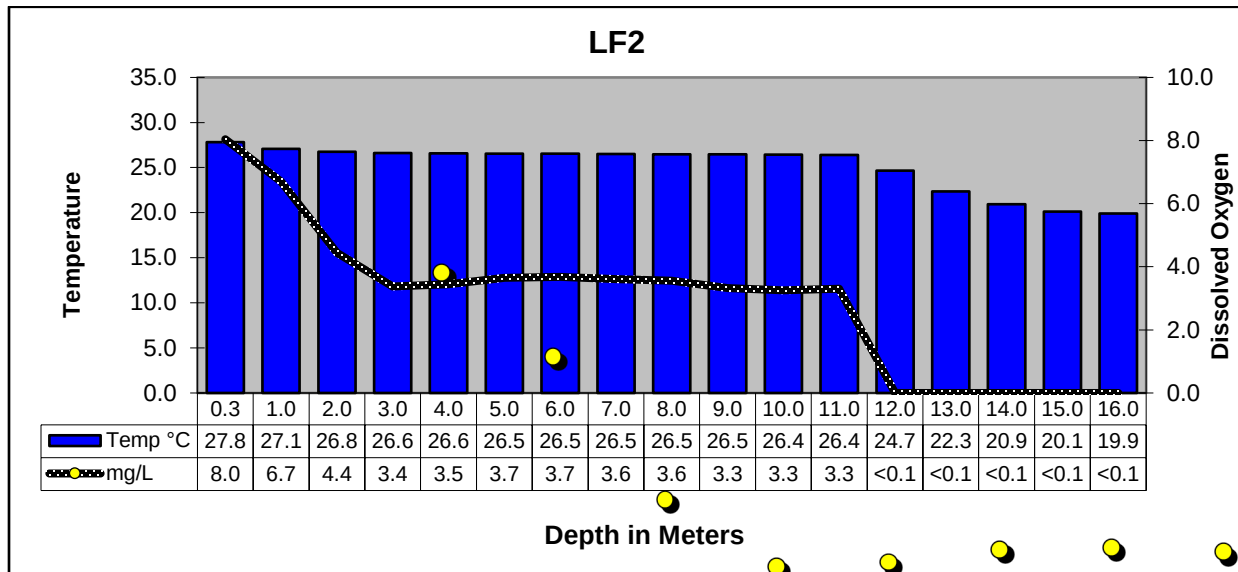
Date and Time	Station	Depth meters	Temp °C	pH SU	DO mg/L	% Sat	Cond µS/cm	TDS mg/L	Secchi meters	Turbidity NTU	<i>E. coli</i> mpn/100mL
9/20/22 08:20	10428(SR17)	0.3	27.5	7.3	6.8	86	280	179	NR	35.3	6
9/20/22 07:15	10429(SR19)	0.3	26.8	7.4	6.6	83	263	168	0.24	27.6	4
9/19/22 14:28	10430(SR21)	0.3	26.1	7.2	6.2	77	589	377	0.22	72.3	13
Segment 0514											
9/20/22 07:47	10468(BS1)	0.3	24.3	7.4	6.5	79	128	82	>1.2	10.3	167
Segment 0515											
9/19/22 15:04	10469(LF20)	0.3	26.0	7.2	7.2	90	187	120	0.20	31.6	14

NR – No Result

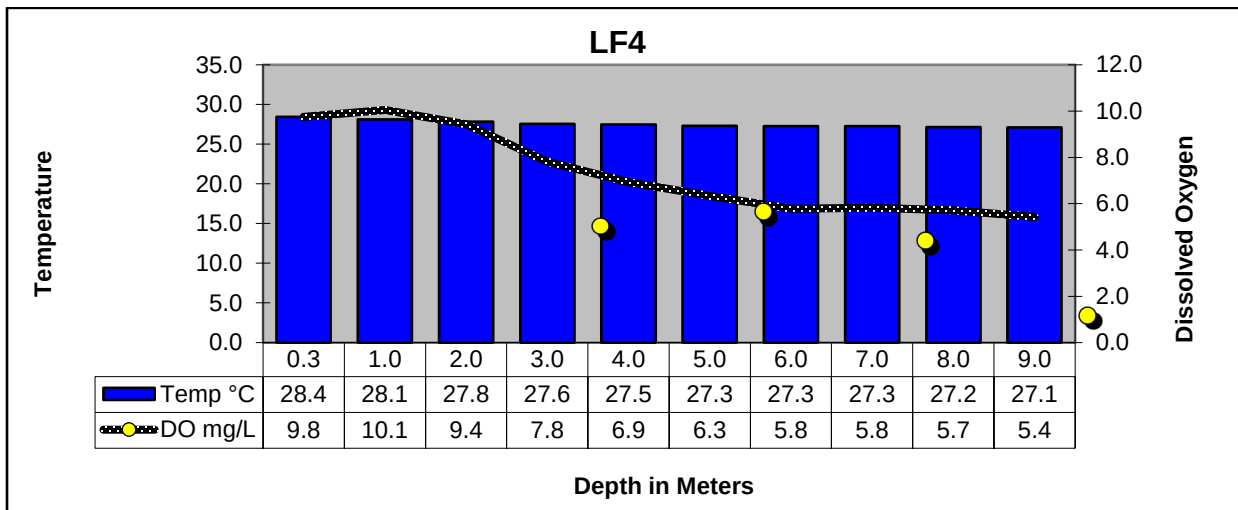
Segment 0506 Water Quality Continued

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											
9/19/22 12:45	10458(LF2)	0.3	27.8	8.2	8.0	102	183	117	0.65	13.0	<1
		1.0	27.1	7.8	6.7	85	182	117			
		2.0	26.8	7.2	4.4	56	182	117			
		3.0	26.6	7.0	3.4	42	182	117			
		4.0	26.6	7.0	3.5	44	182	117			
		5.0	26.5	7.0	3.7	46	182	117			
		6.0	26.5	7.0	3.7	46	182	117			
		7.0	26.5	7.0	3.6	46	182	117			
		8.0	26.5	7.0	3.6	44	182	116			
		9.0	26.5	7.0	3.3	42	181	115			
		10.0	26.4	7.0	3.3	41	181	116			
		11.0	26.4	7.0	3.3	42	181	116			
		12.0	24.7	7.1	<0.1	<1	214	138			
		13.0	22.3	7.0	<0.1	<1	213	136			
		14.0	20.9	6.8	<0.1	<1	219	140			
		15.0	20.1	6.7	<0.1	<1	230	148			
		16.0	19.9	6.7	<0.1	<1	232	148			
9/19/22 11:37	10462(LF4)	0.3	28.4	8.7	9.8	127	178	114	0.47	12.8	<1
		1.0	28.1	8.8	10.1	130	178	114			
		2.0	27.8	8.7	9.4	121	177	114			
		3.0	27.6	8.2	7.8	58	177	114			
		4.0	27.5	7.8	6.9	98	177	114			
		5.0	27.3	7.6	6.3	88	177	113			
		6.0	27.3	7.4	5.8	77	177	113			
		7.0	27.3	7.4	5.8	74	176	113			
		8.0	27.2	7.4	5.7	73	176	113			
		9.0	27.1	7.3	5.4	69	176	113			
9/19/22 12:02	10461(LF3)	0.3	28.8	8.8	10.1	132	186	119	0.53	9.49	2
		1.0	28.4	8.8	10.2	132	186	119			
		2.0	27.8	8.3	8.0	103	186	119			
		3.0	27.7	7.9	8.0	91	186	119			
		4.0	27.6	7.5	7.3	66	186	120			
		5.0	27.4	7.2	5.1	44	188	120			
		6.0	27.2	7.0	3.4	18	189	121			
		7.0	27.0	6.8	<0.1	<1	192	123			
		8.0	26.9	6.8	<0.1	<1	200	128			

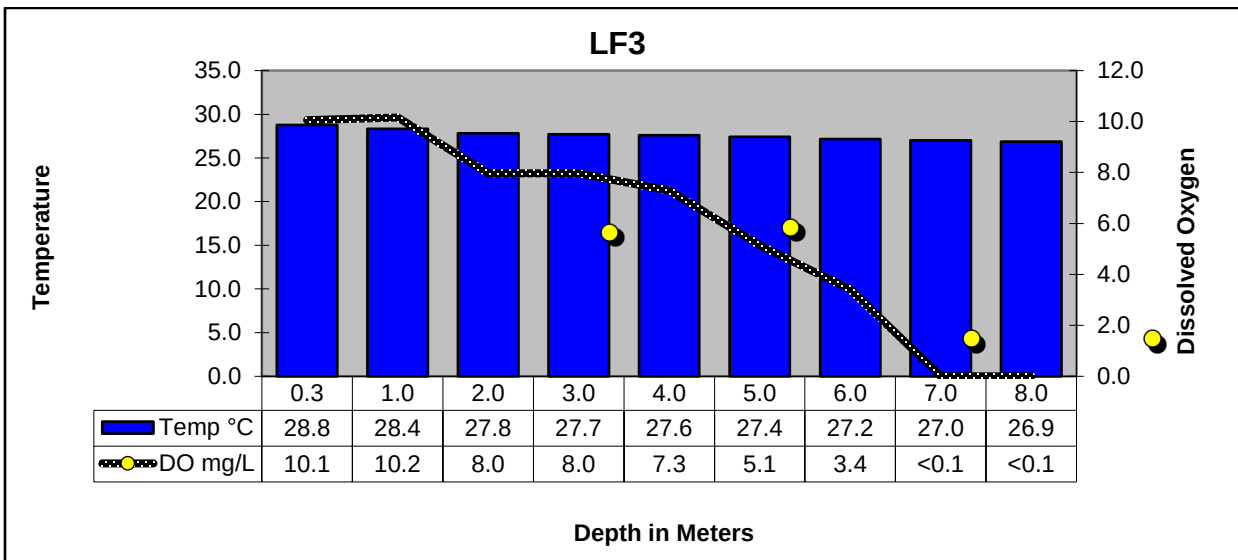
Lake Fork Reservoir Profiles



LAKE FORK RESERVOIR NEAR DAM IN CREEK CHANNEL

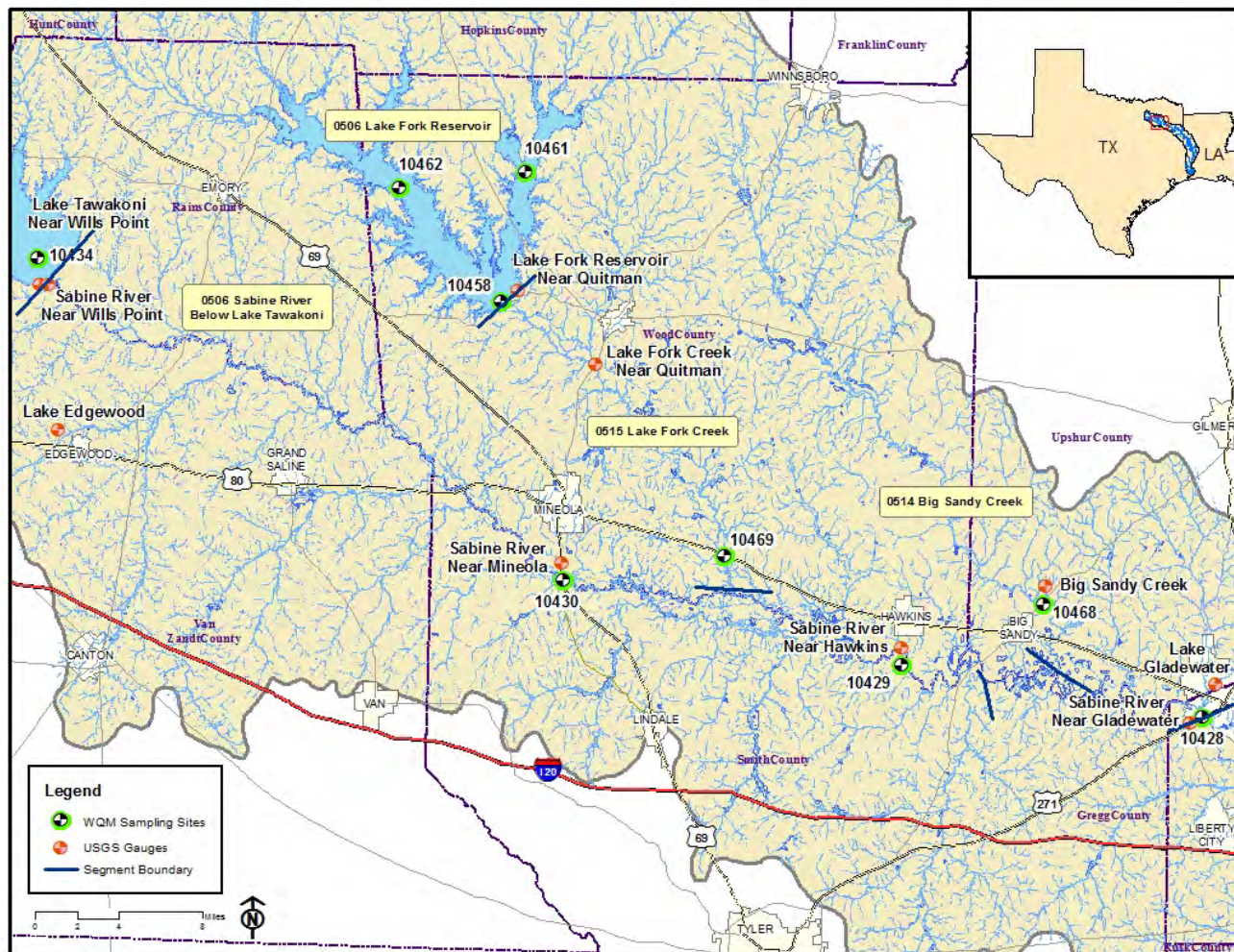


LAKE FORK RESERVOIR MID-COVE IN LAKE FORK CREEK ARM AT FM515



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

Segments 0506, 0512, 0514 & 0515



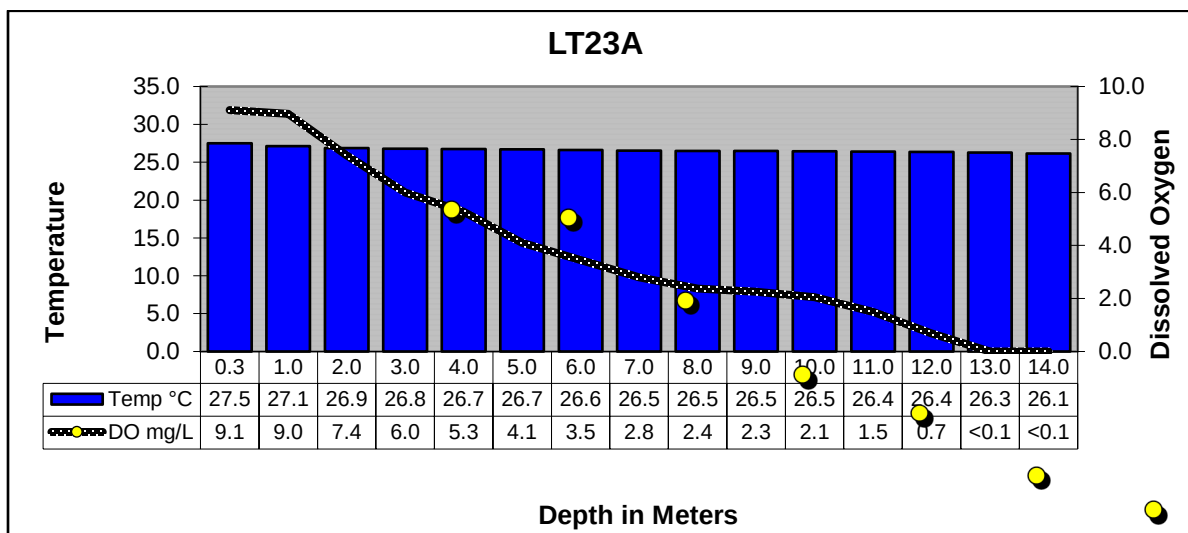
Segment 0507 - Lake Tawakoni

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.

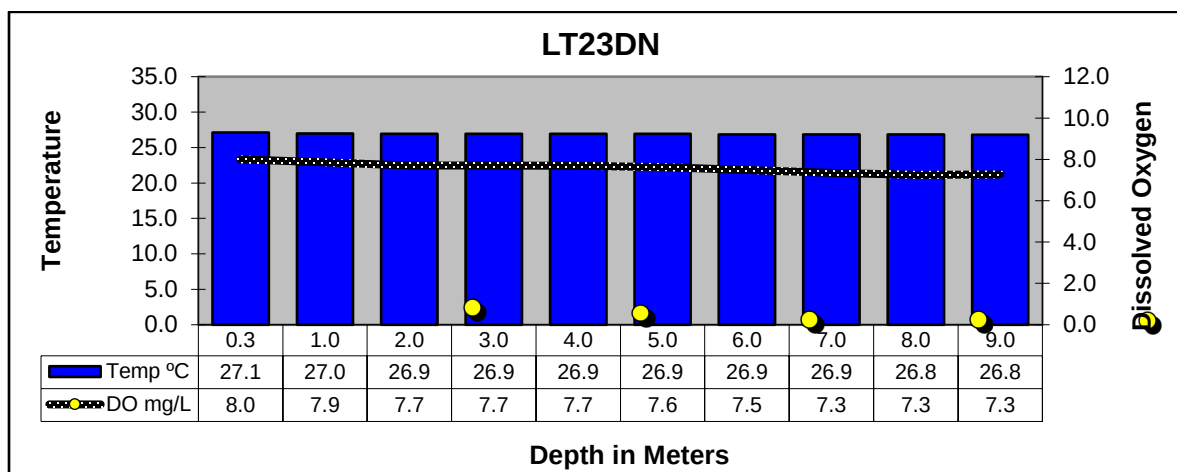
Segment 0507 Water Quality

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
9/19/22 10:28	10434(LT23A)	0.3	27.5	8.5	9.1	116	202	129	0.60	5.43	<1
		1.0	27.1	8.4	9.0	113	202	129			
		2.0	26.9	8.1	7.4	92	203	130			
		3.0	26.8	7.8	6.0	75	204	130			
		4.0	26.7	7.6	5.3	65	204	130			
		5.0	26.7	7.4	4.1	52	204	130			
		6.0	26.6	7.3	3.5	43	204	131			
		7.0	26.5	7.2	2.8	34	204	131			
		8.0	26.5	7.2	2.4	29	204	130			
		9.0	26.5	7.1	2.3	28	204	131			
		10.0	26.5	7.1	2.1	24	205	131			
		11.0	26.4	7.1	1.5	18	205	131			
		12.0	26.4	7.1	0.7	8	205	131			
		13.0	26.3	7.0	<0.1	<1	209	134			
		14.0	26.1	7.0	<0.1	<1	216	138			
9/19/22 09:59	21173(LT23DN)	0.3	27.1	8.0	5.9	75	204	130	0.72	10.1	<1
		1.0	27.0	7.9	5.3	66	204	130			
		2.0	26.9	7.7	4.8	61	204	130			
		3.0	26.9	7.7	4.7	60	204	130			
		4.0	26.9	7.7	4.7	59	204	130			
		5.0	26.9	7.6	4.6	57	204	130			
		6.0	26.9	7.5	3.4	42	204	130			
		7.0	26.9	7.3	2.8	35	205	131			
		8.0	26.8	7.3	2.4	30	206	132			
		9.0	26.8	7.3	2.2	28	207	132			
9/19/22 09:37	10437(LT23B)	0.3	27.6	8.5	8.5	101	202	129	0.50	7.43	<1
		1.0	27.6	8.5	8.5	102	202	129			
		2.0	27.5	8.3	8.3	91	202	129			
		3.0	27.5	8.3	8.3	89	202	129			
		4.0	27.5	8.2	8.2	88	202	129			
		5.0	27.4	8.1	8.1	87	202	129			
		6.0	27.4	8.1	8.1	86	202	129			
		7.0	27.4	8.1	8.1	84	202	129			
		8.0	27.1	7.5	7.5	36	205	130			

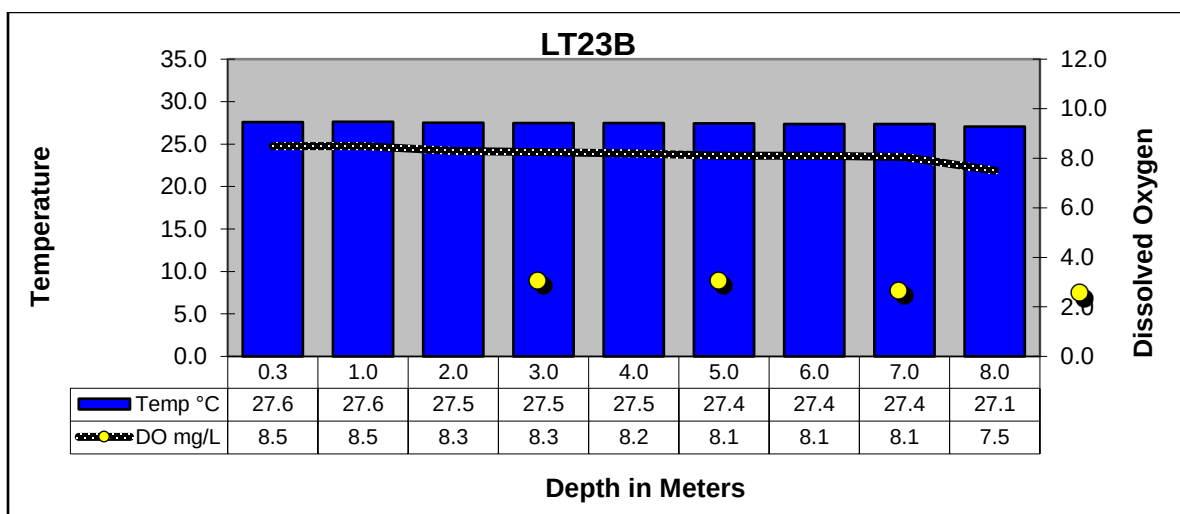
Lake Tawakoni Reservoir Profiles



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

