
SABINE RIVER AUTHORITY OF TEXAS

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

The Environmental Services Field Offices conducted water quality monitoring in the Sabine Basin from July 11th through the 14th. 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 upper 90s. Low temperatures were in the mid 70s. The tidal stations received 1.02 inches of rainfall in the seven days prior to the sampling event.

Tidal Conditions – Surface salinity values were greater than 1 ppt at three of the seven tidal stations. The highest salinity value of 10.0 ppt was recorded at station 10391 (SRT1) at a depth of 8.0 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 low 90s to low 100s. Low temperatures were in the high 60s to high 70s. Toledo Bend received no rainfall during the seven days prior to the sampling event.

Lake Level - The level of Toledo Bend was 169.32 feet with a daily average discharge of 3,793 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 hot with highs in the upper 90s to 100s. Low temperatures were in the mid 70s to low 80s. Lake Fork and Lake Tawakoni received no rainfall during the seven days prior to sampling.

Lake Level - The level of Lake Tawakoni was 434.98 feet msl with a release of 6 cfs on the day of sampling. The level of Lake Fork was 396.44 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

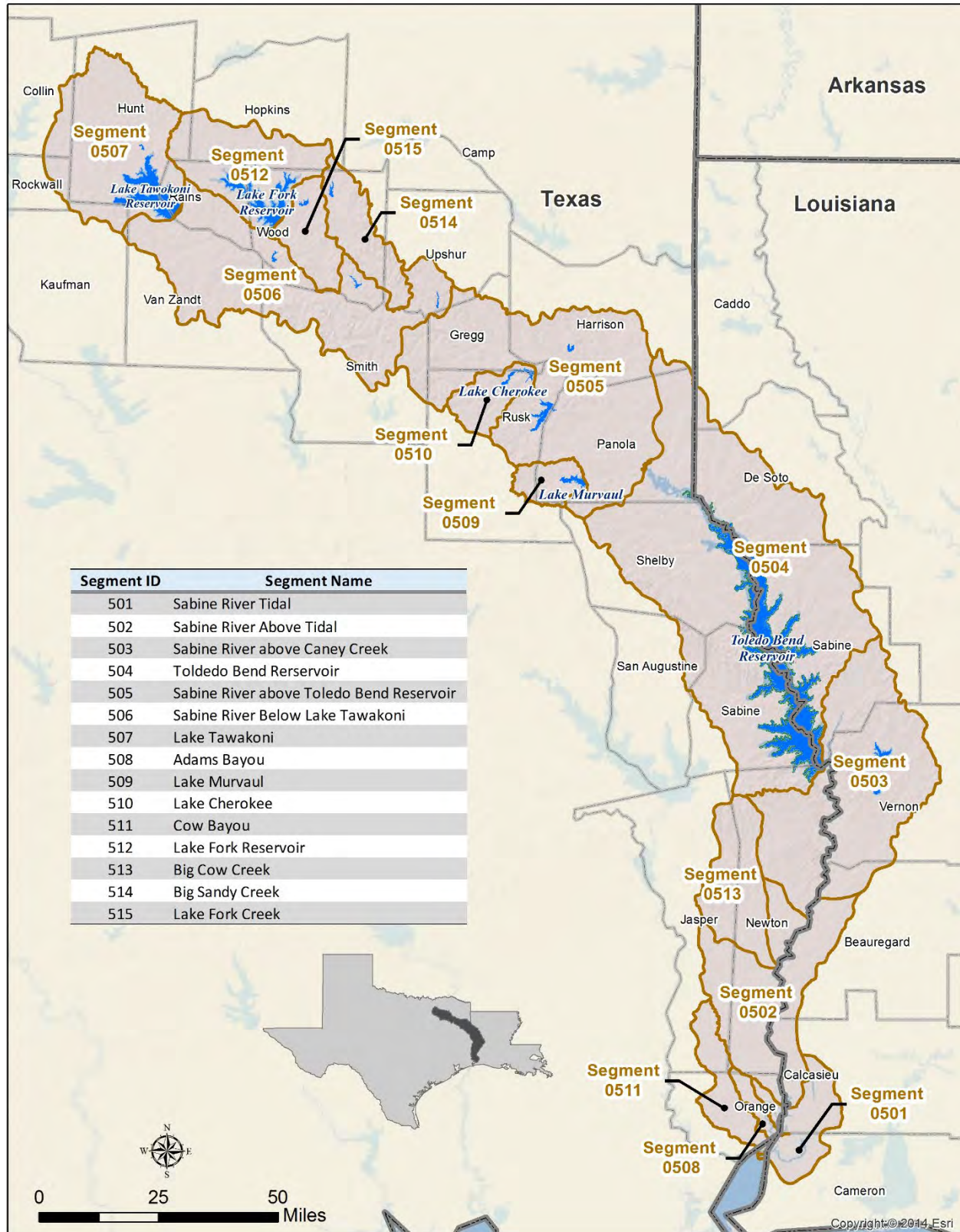
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Sabine Basin Map



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.

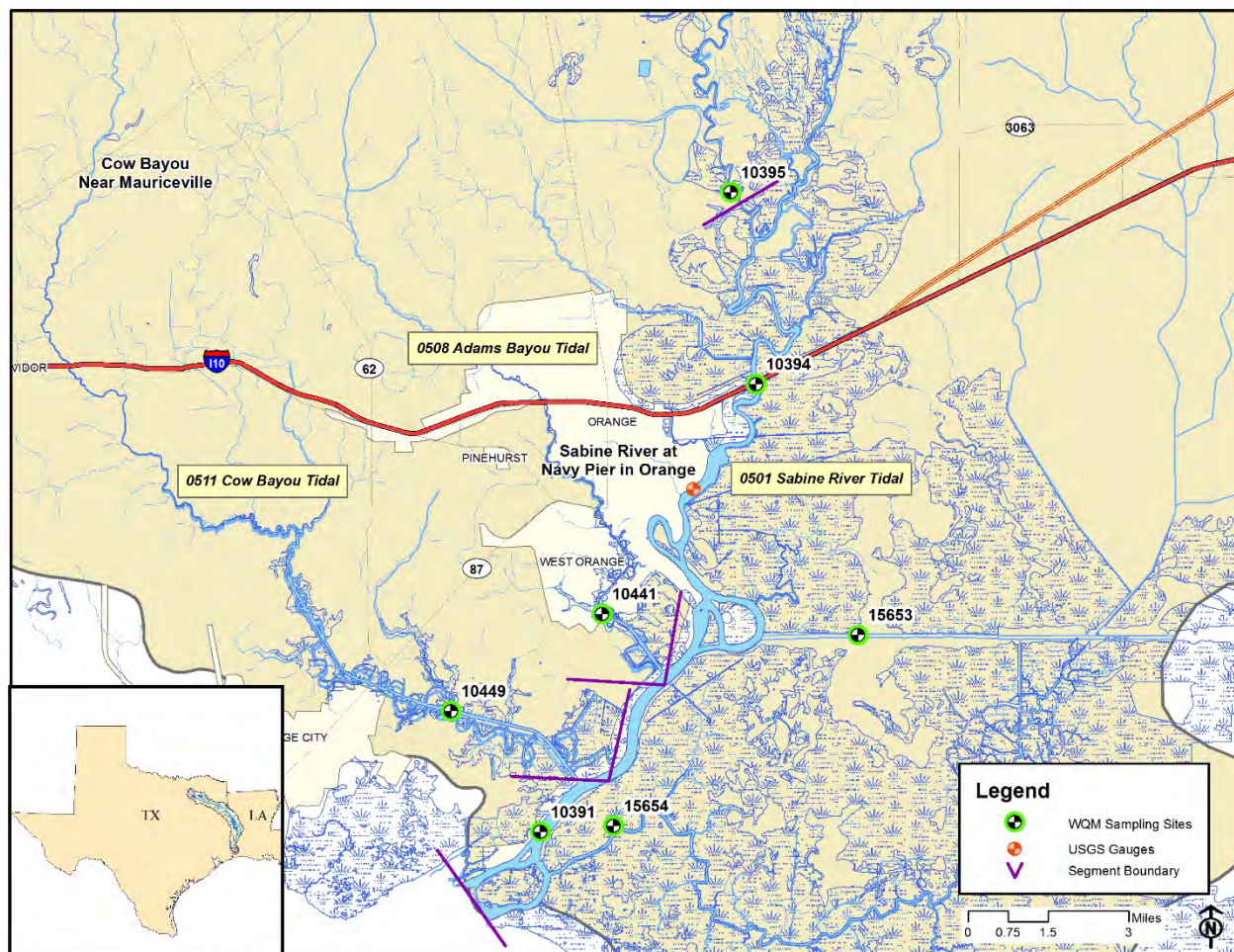
Segment 0508 – Adams Bayou Tidal. The segment reaches from the confluence with the Sabine River in Orange County to a point 1.1 kilometers (0.7 miles) upstream of IH-10 in Orange County.

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
7/14/2022 09:08	10391 (SRT1)	0.3	31.7	7.3	5.7	79	5,140	3,230	2.6	0.73	11.0	20
		2.0	31.7	7.3	5.6	78	5,580	3,510	3.0			
		4.0	31.7	7.3	5.5	76	7,000	4,480	3.9			
		6.0	32.0	7.4	5.6	79	10,500	6,600	5.4			
		8.0	32.1	7.5	5.3	76	16,400	10,800	10.0			
7/14/2022 08:53	15654 (BB1)	0.3	30.9	7.3	5.0	68	5,560	3,560	3.1	0.49	15.1	75
		1.5	30.8	7.3	4.9	67	5,560	3,560	3.1			
		3.0	30.7	7.3	4.8	65	5,600	3,570	3.1			
Segment 0511												
7/14/2022 08:31	10449 (CB1)	0.3	31.8	7.2	5.3	72	2,220	1,460	1.2	0.45	22.0	31
		2.5	31.8	7.1	5.3	73	2,390	1,530	1.3			
		5.0	31.8	7.1	5.3	72	2,390	1,530	1.3			
Segment 0508												
7/14/2022 09:27	10441 (AB2)	0.3	32.0	7.0	4.3	59	709	454	0.4	0.46	19.5	86
		2.0	31.8	6.9	3.8	52	708	453	0.4			
		4.0	31.7	6.8	3.6	48	681	433	0.4			
7/14/2022 09:50	15653 (ICW1)	0.3	32.5	7.2	5.9	82	1,130	722	0.6	0.51	14.7	63
		1.5	32.4	7.2	5.8	80	1,130	718	0.6			
		3.0	32.4	7.1	5.8	80	1,130	722	0.6			
7/14/2022 10:39	10394 (SRT2)	0.3	32.9	7.2	6.3	87	178	114	0.1	0.57	12.3	52
		3.0	32.5	7.1	5.8	80	178	114	0.1			
		6.0	32.5	7.0	5.7	79	178	114	0.1			
		9.0	32.5	6.7	1.0	13	178	114	0.1			
7/14/2022 11:11	10395 (SR1)	0.3	32.1	7.2	6.0	82	208	133	0.1	0.41	21.8	98

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.

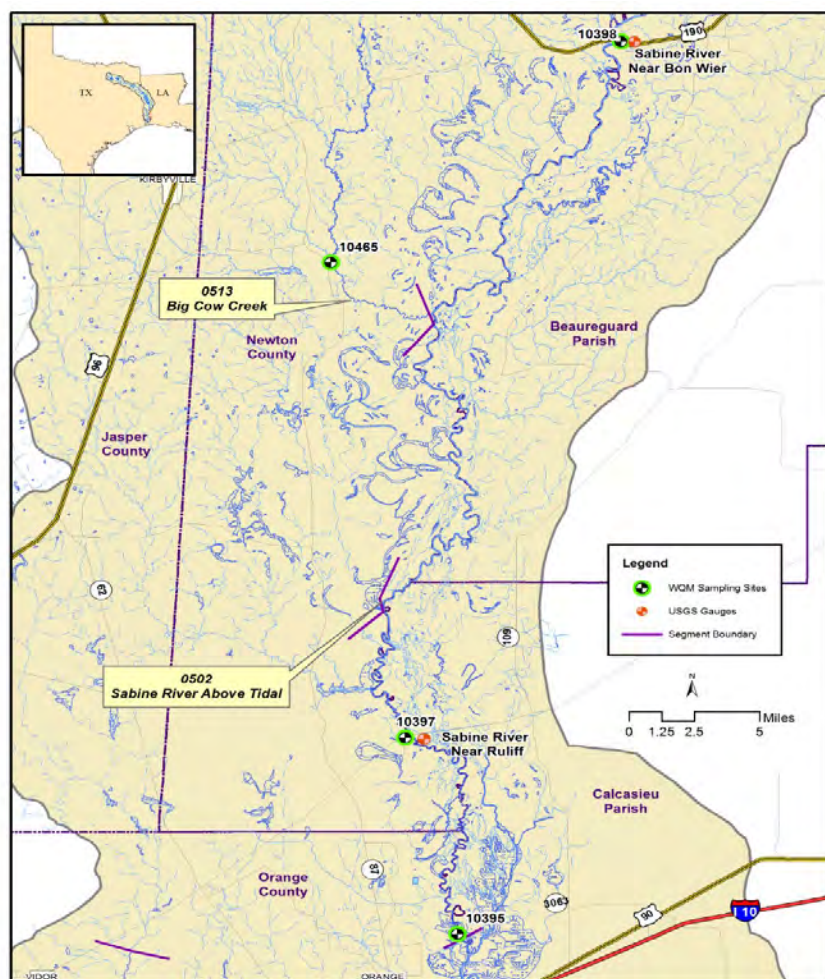
Segment 0502 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
7/12/2022 07:48	10397(SR2)	08030500	Sabine River near Ruliff, TX	3,990

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
7/12/2022 07:48	10397 (SR2)	0.3	31.8	7.2	6.9	94	171	109	0.59	22.4	2
Segment 0513											
7/12/2022 09:02	10465 (BCC1)	0.3	27.6	6.0	6.8	87	46	29	0.77	12.9	20

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.

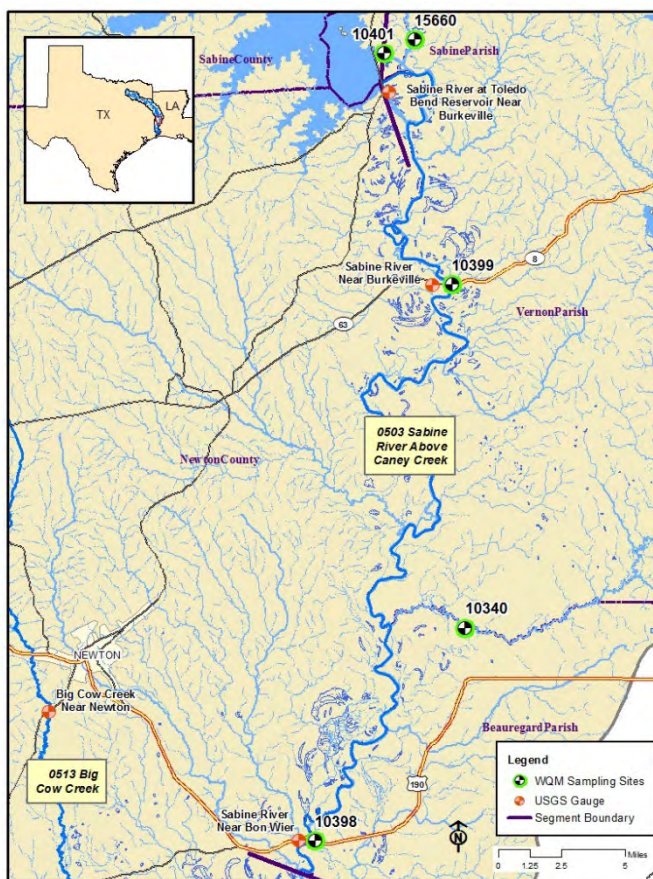
Segment 0503 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
7/12/2022 11:18	10398(SR3)	08028500	Sabine River near Bon Wier, TX	4,320
7/12/2022 10:08	10399(SR5)	08026000	Sabine River near Burkeville, TX	1,410

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
7/12/2022 11:18	10398 (SR3)	0.3	31.4	7.2	7.2	97	167	106	0.63	13.0	4
7/12/2022 10:53	10340 (BA4)	0.3	31.2	7.3	6.6	90	434	278	0.29	37.6	43
7/12/2022 10:08	10399 (SR5)	0.3	30.3	7.2	6.8	91	157	101	1.2	4.71	10
7/11/2022 12:30	10401 (TB6S)	0.3	30.6	7.4	8.0	107	156	100	>1.2	2.19	2
7/11/2022 12:10	15660 (BT1)	0.3	31.8	7.0	5.9	81	124	79	0.68	14.8	10

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
7/13/2022 14:00	10404 (TB6A)	0.3	33.2	8.2	8.2	116	161	102	2.2	1.56	<1
		1.0	31.4	8.2	8.4	117	160	102			
		2.0	31.3	8.2	8.5	116	159	102			
		3.0	30.7	7.8	7.8	107	160	102			
		4.0	29.4	7.0	6.1	80	160	102			
		5.0	28.8	6.8	5.0	66	158	101			
		8.0	26.6	6.3	0.1	2	157	100			
		11.0	23.4	6.2	0.2	2	153	97			
		14.0	19.7	6.2	0.2	2	154	98			
		17.0	18.9	6.2	0.2	2	155	99			
		20.0	18.4	6.2	0.2	2	159	102			
		23.0	17.5	6.4	0.2	2	158	101			
		24.0	16.8	6.8	0.2	2	225	144			
7/13/2022 07:55	10406 (TB6C)	0.3	32.2	7.8	7.6	105	158	101	1.3	3.72	<1
		1.0	32.2	7.7	7.6	105	158	101			
		2.0	32.2	7.6	7.6	105	158	101			
		3.0	32.2	7.5	7.6	105	158	101			
7/13/2022 12:52	18054 (TB6Q)	0.3	33.4	8.7	9.0	125	170	109	1.4	3.09	<1
		1.0	32.9	8.8	9.0	127	170	109			
		2.0	32.3	8.7	8.7	123	171	109			
		3.0	32.0	8.5	8.2	113	169	108			
		4.0	31.8	8.2	7.6	104	168	108			
		5.0	31.5	7.7	7.1	97	168	107			
		6.0	30.9	6.8	3.5	51	169	108			
		7.0	30.5	6.6	2.6	35	170	109			
		8.0	29.6	6.6	0.1	2	174	112			
		9.0	28.8	6.6	0.1	2	185	118			

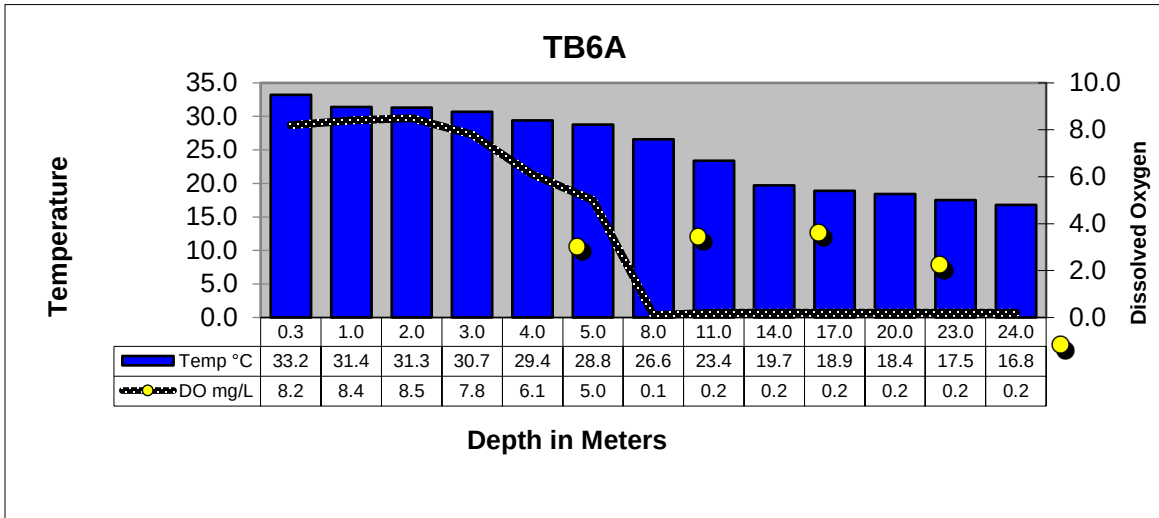
Segment 0504 Water Quality Continued

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
7/11/2022 10:15	10411 (TB6F)	0.3	32.1	8.3	7.8	108	162	104	0.84	4.90	34
		1.0	32.0	8.2	7.8	106	162	104			
		2.0	32.0	8.0	7.6	105	162	104			
		3.0	31.7	7.4	5.2	63	161	103			
		4.0	30.7	6.5	0.7	9	161	103			
		5.0	29.5	6.3	0.1	2	173	111			
7/13/2022 10:58	10402 (TB6H)	0.3	32.6	8.7	8.6	119	180	115	1.0	3.73	1
		1.0	32.4	8.7	8.6	120	180	115			
		2.0	31.7	8.6	7.9	111	180	115			
		3.0	31.6	8.2	7.2	98	180	115			
		4.0	30.9	7.1	4.9	67	180	115			
		5.0	30.2	6.8	1.7	22	182	117			
		8.0	29.3	6.6	0.1	1	184	118			
		11.0	27.3	6.6	0.1	2	190	122			
		14.0	20.9	6.6	0.2	2	183	117			
		17.0	20.0	6.5	0.2	2	175	112			
		18.0	19.9	6.5	0.2	2	176	112			
7/11/2022 10:47	15659 (TB6K)	0.3	32.1	7.9	6.8	94	190	121	0.66	7.15	<1
		1.0	32.0	7.6	6.1	84	188	120			
		2.0	31.9	7.3	5.9	81	188	120			
		3.0	31.5	7.0	3.6	50	185	118			
		4.0	31.2	6.8	2.1	27	186	118			
		5.0	31.0	6.6	1.2	16	187	120			
		6.0	30.6	6.4	0.2	2	196	125			
		7.0	30.2	6.4	0.1	2	199	128			
		8.0	29.8	6.4	0.1	2	204	130			
		9.0	29.6	6.4	0.1	2	205	131			
7/11/2022 9:33	15655 (TB6J)	0.3	31.4	7.7	6.1	83	186	119	0.60	7.10	1
		1.0	31.4	7.6	6.1	83	186	119			
		2.0	31.0	7.3	5.8	78	185	119			
		3.0	30.7	7.0	4.9	65	185	118			
		4.0	30.2	6.5	0.6	8	189	120			

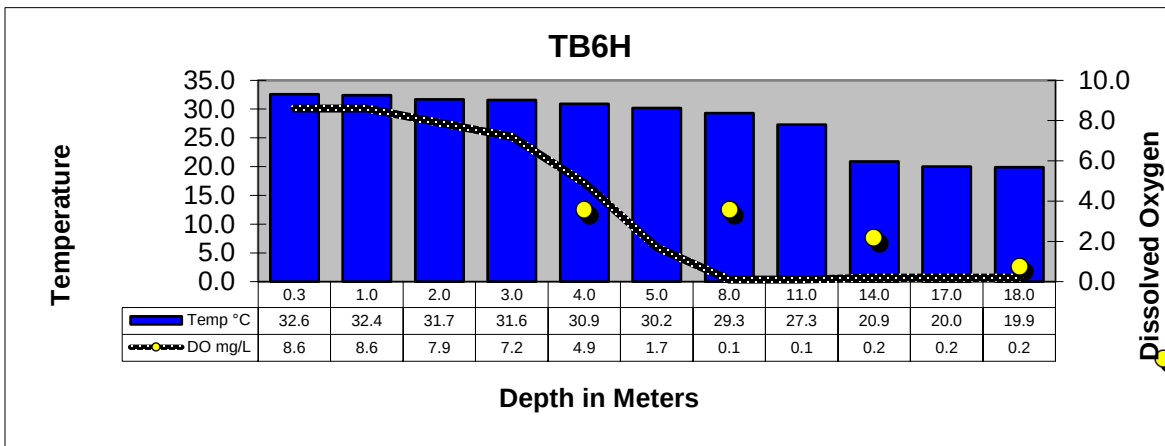
Segment 0504 Water Quality Continued

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
7/13/2022 11:59	18053 (TB6LN)	0.3	33.7	8.9	9.7	138	178	114	0.73	5.70	<1
		1.0	33.5	8.8	9.8	137	177	114			
		2.0	32.8	8.7	9.2	127	117	113			
		3.0	32.7	8.5	8.5	118	176	113			
		4.0	31.7	7.2	3.2	43	176	112			
		5.0	31.4	6.7	1.9	25	177	113			
		6.0	31.1	6.5	0.2	2	179	114			
7/13/2022 09:26	18052 (TB6R)	0.3	33.3	8.9	9.1	127	200	128	0.78	6.06	1
		1.0	32.9	8.8	8.7	125	200	129			
		2.0	32.4	8.5	7.5	105	196	126			
		3.0	32.1	7.8	6.1	84	196	125			
		4.0	31.8	7.0	3.7	51	197	126			
		5.0	31.5	6.8	2.3	32	198	127			
		6.0	31.3	6.8	1.6	23	199	127			
		7.0	30.9	6.7	0.6	8	200	128			
		8.0	30.4	6.6	0.1	2	200	128			
		9.0	30.2	6.6	0.1	2	200	128			
		10.0	30.0	6.6	0.1	2	204	130			
		11.0	29.8	6.6	0.1	2	207	132			
		12.0	29.6	6.6	0.1	2	214	137			
		13.0	29.5	6.7	0.1	2	220	141			

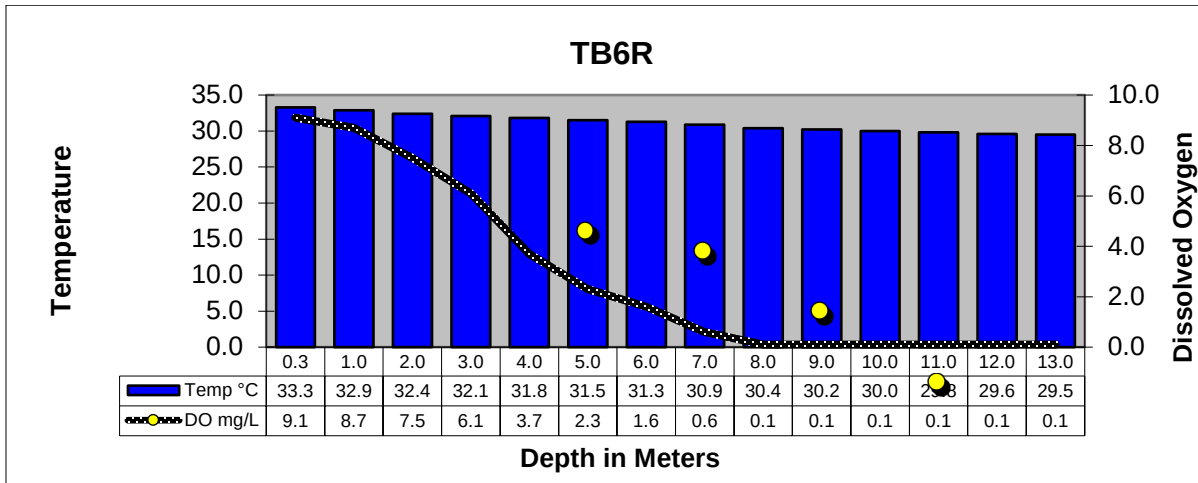
Toledo Bend Reservoir Profiles



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

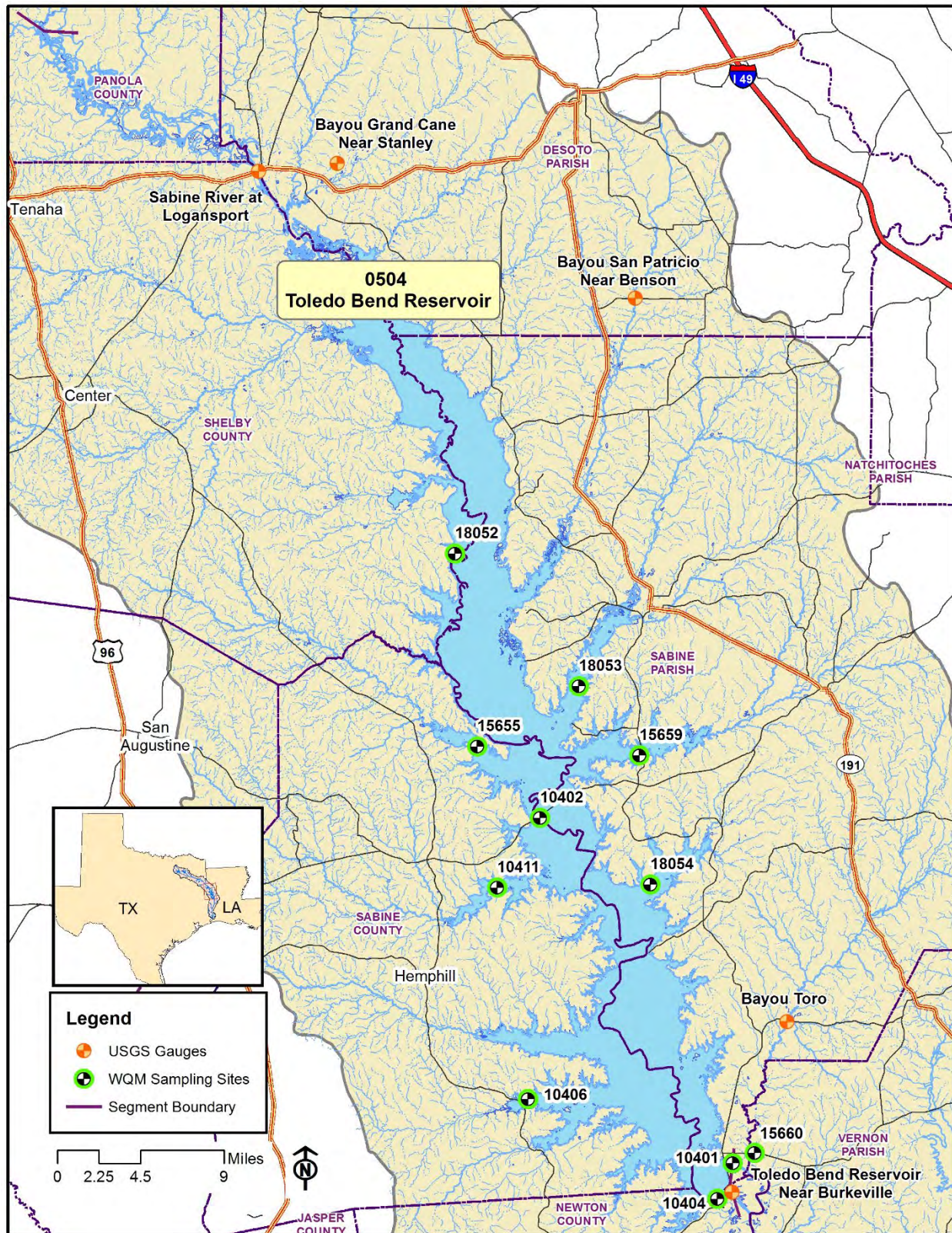


TOLEDO BEND RESERVOIR AT SH 21 NORTHEAST OF MILAM



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.

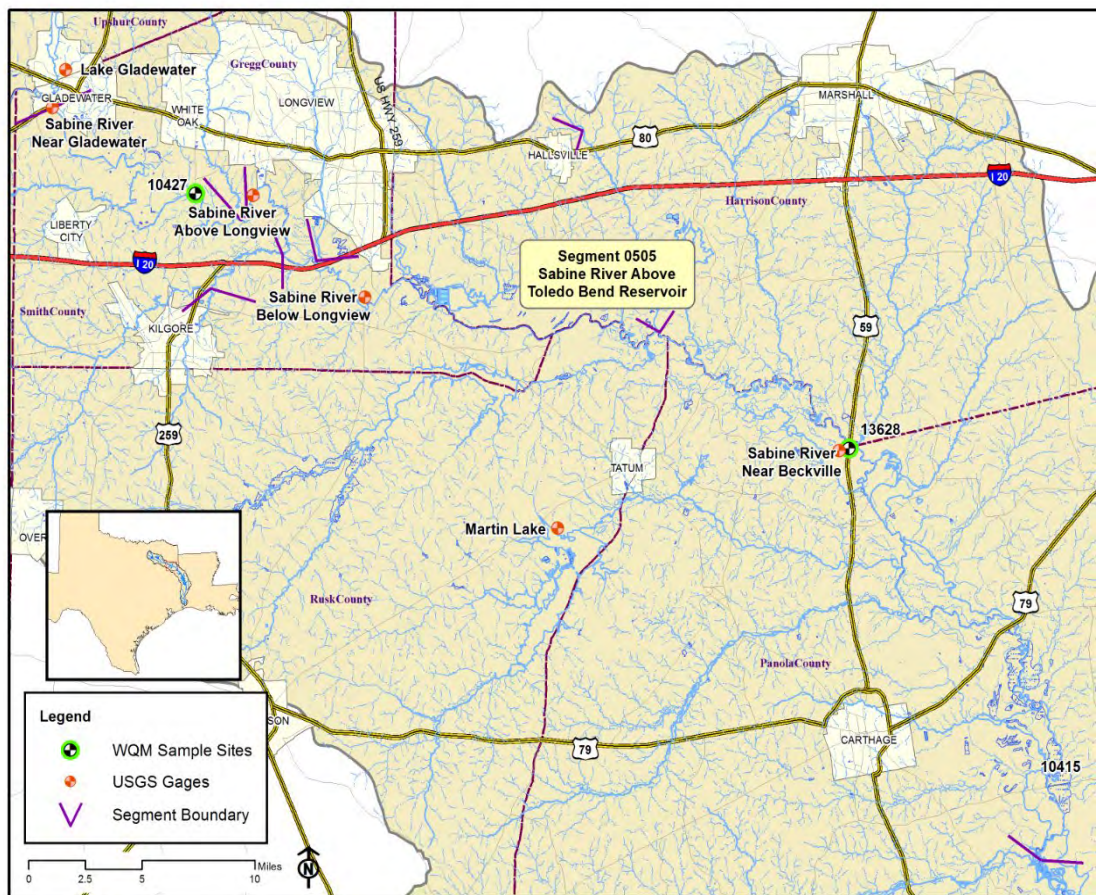
Segment 0505 USGS Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
7/13/22 09:30	13628(SR11)	08022040	Sabine River near Beckville, TX	81

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
7/13/22 10:05	10415(SR10)	0.3	29.8	7.2	5.1	67	426	276	0.15	43.2	6
7/13/22 09:30	13628(SR11)	0.3	29.8	6.9	7.6	92	521	338	0.17	52.8	4
7/13/22 08:03	10427(SR16)	0.3	29.4	6.7	5.6	68	210	134	0.17	48.2	65

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)
7/13/22 07:30	10428(SR17)	08020000	Sabine River near Gladewater, TX	65
7/12/22 06:45	10429(SR19)	08019200	Sabine River near Hawkins, TX	57
7/12/22 14:15	10430(SR21)	08018500	Sabine River near Mineola, TX	7
Segment 0514				
7/13/22 07:10	10468(BS1)	08019500	Big Sandy Creek near Big Sandy, TX	3

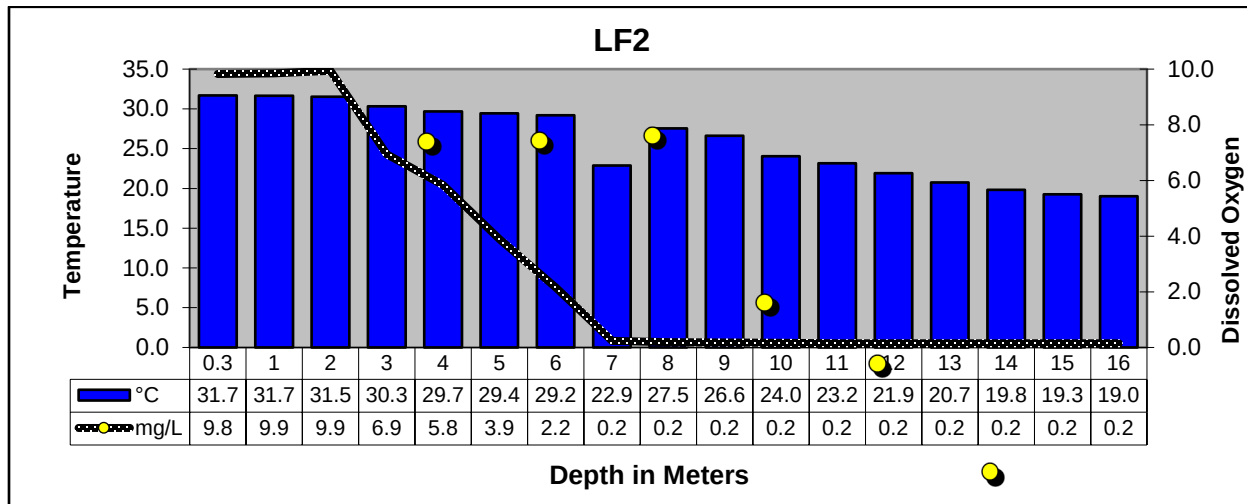
Segment 0506 Water Quality

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
7/13/22 07:30	10428(SR17)	0.3	28.2	6.8	5.3	69	172	110	0.20	45.4	24
7/12/22 06:45	10429(SR19)	0.3	28.2	7.3	6.8	78	190	119	0.18	50.3	16
7/12/22 14:15	10430(SR21)	0.3	31.3	7.4	5.6	75	560	358	0.13	40.9	78
Segment 0514											
7/13/22 07:10	10468(BS1)	0.3	27.9	6.8	5.9	71	148	96	0.70	8.94	135
Segment 0515											
7/12/22 14:40	10469(LF20)	0.3	30.9	7.6	7.5	102	174	116	0.22	28.9	40

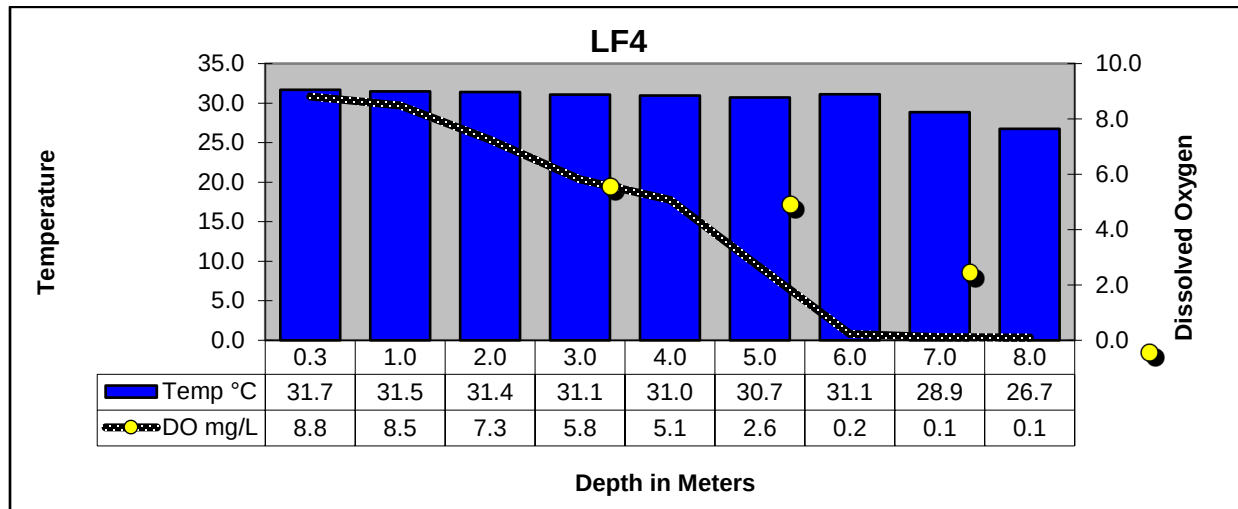
Segment 0506 Water Quality Continued

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											
7/12/22 12:21	10458(LF2)	0.3	31.7	9.3	9.8	135	174	111	0.77	6.65	<1
		1.0	31.7	9.4	9.9	136	174	111			
		2.0	31.5	9.3	9.9	137	1741	111			
		3.0	30.3	8.7	6.9	94	171	110			
		4.0	29.7	8.2	5.8	68	170	109			
		5.0	29.4	8.0	3.9	52	170	108			
		6.0	29.2	7.8	2.2	29	170	108			
		7.0	22.9	7.6	0.2	3	169	108			
		8.0	27.5	7.4	0.2	2	169	108			
		9.0	26.6	7.3	0.2	2	164	105			
		10.0	24.0	7.2	0.2	2	165	105			
		11.0	23.2	7.1	0.2	2	167	107			
		12.0	21.9	7.0	0.2	2	172	110			
		13.0	20.7	7.1	0.2	2	178	114			
		14.0	19.8	7.0	0.2	2	189	121			
		15.0	19.3	7.0	0.2	2	198	127			
		16.0	19.0	7.3	0.2	2	202	130			
7/12/22 11:10	10462(LF4)	0.3	31.7	9.2	8.8	122	174	115	0.36	6.75	4
		1.0	31.5	9.4	8.5	116	174	115			
		2.0	31.4	9.1	7.3	98	174	115			
		3.0	31.1	8.9	5.8	79	174	115			
		4.0	31.0	8.7	5.1	69	174	115			
		5.0	30.7	8.2	2.6	34	175	115			
		6.0	31.1	7.6	0.2	2	174	115			
		7.0	28.9	7.4	0.1	1	178	115			
		8.0	26.7	7.1	0.1	1	182	116			
		9.0	26.0	7.1	0.1	1	190	122			
7/12/22 11:30	10461(LF3)	0.3	31.8	9.1	8.7	120	180	115	0.25	9.90	2
		1.0	31.6	8.8	5.7	77	180	115			
		2.0	30.9	8.4	4.8	65	176	112			
		3.0	30.3	8.0	4.2	56	175	111			
		4.0	30.1	7.8	3.0	38	173	110			
		5.0	29.4	7.4	0.2	3	174	112			
		6.0	28.3	7.2	0.1	1	186	120			
		7.0	28.1	7.3	0.1	1	190	122			

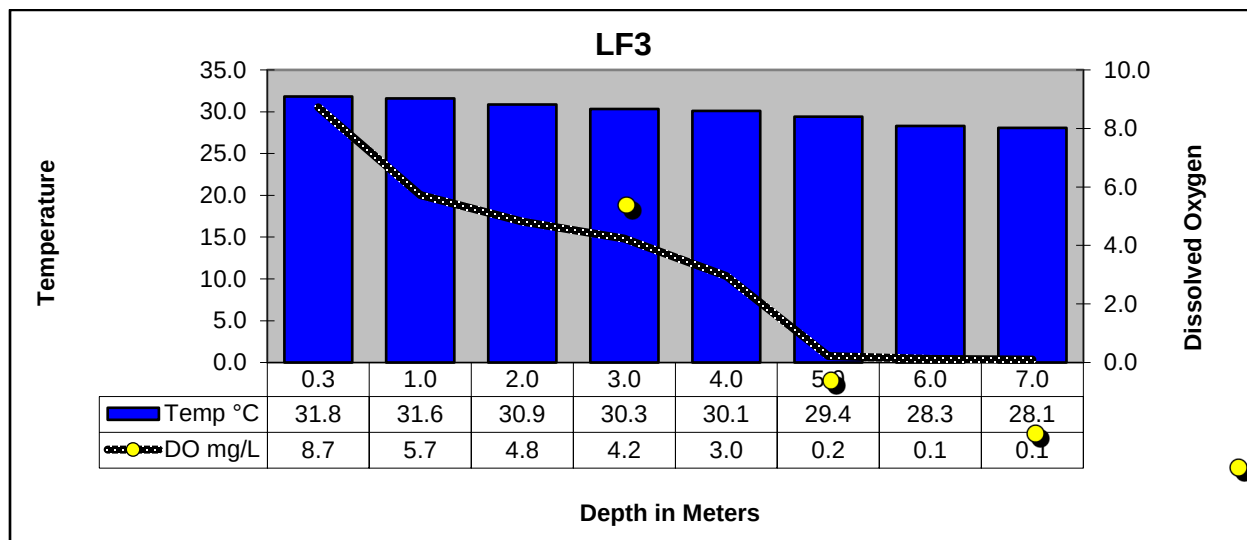
Lake Fork Reservoir Profiles



LAKE FORK RESERVOIR NEAR DAM IN CREEK CHANNEL

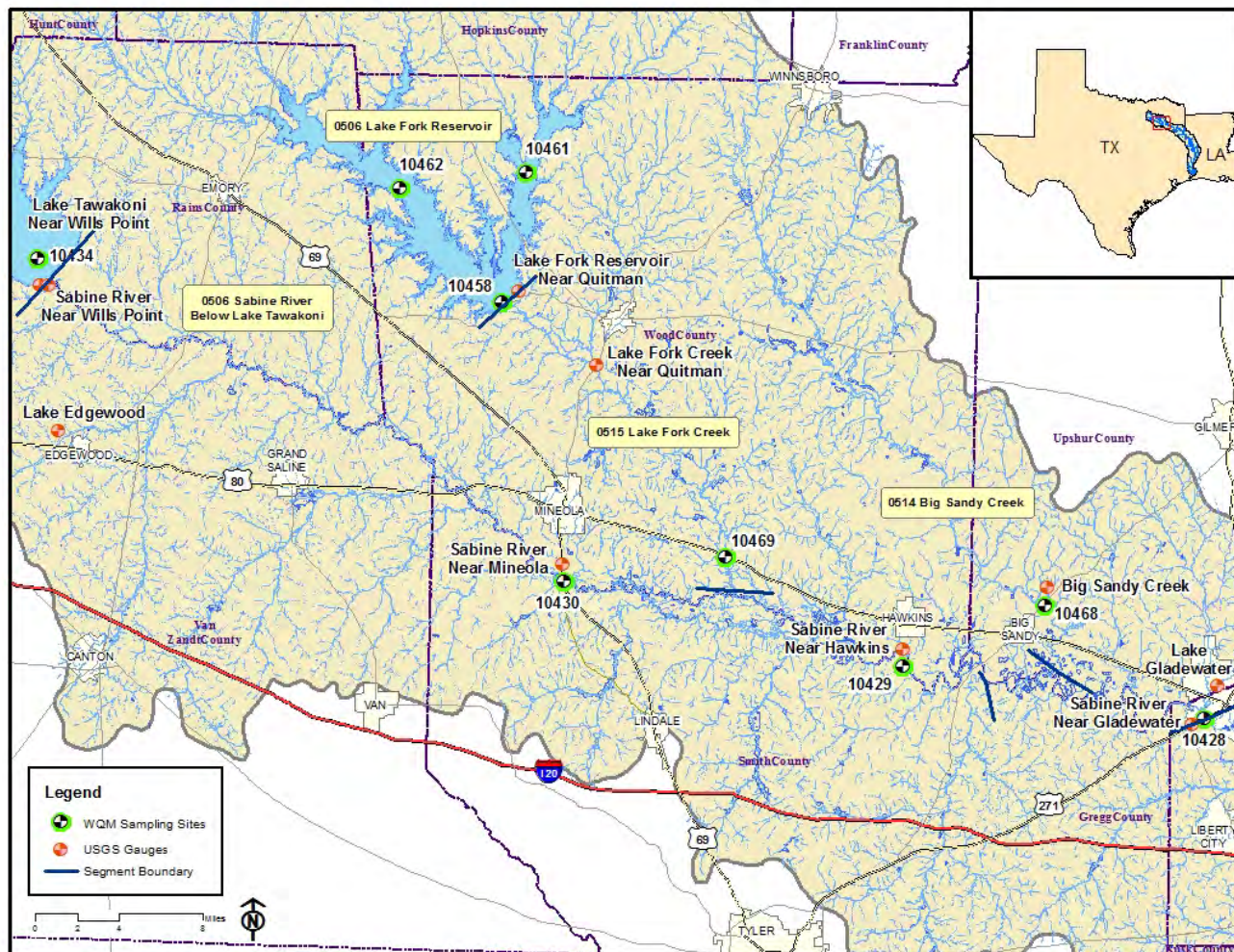


LAKE FORK RESERVOIR MID-COVE IN LAKE FORK CREEK ARM AT FM515



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

Segments 0506, 0512, 0514 & 0515



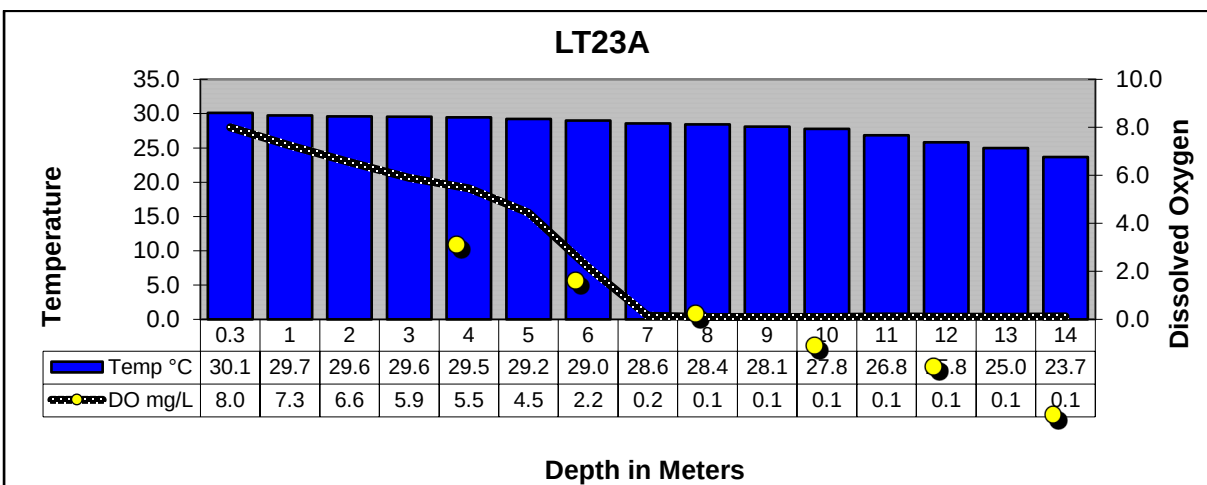
Segment 0507 - Lake Tawakoni

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.

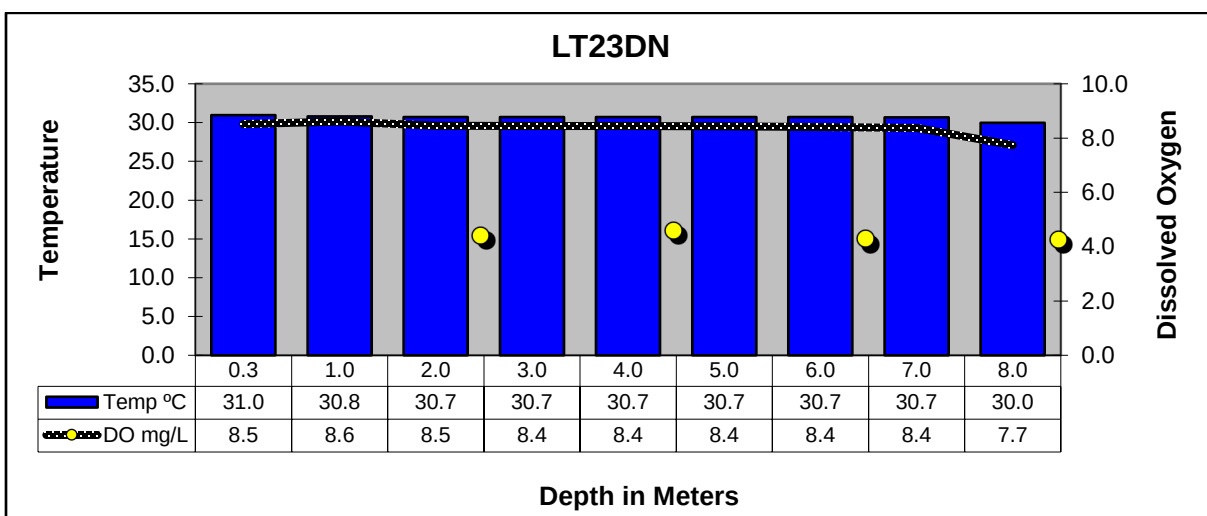
Segment 0507 Water Quality

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
7/12/22 10:00	10434(LT23A)	0.3	30.1	8.6	8.0	108	193	124	0.72	6.34	<1
		1.0	29.7	8.6	7.3	98	194	124			
		2.0	29.6	8.5	6.6	86	196	125			
		3.0	29.6	8.3	5.9	77	197	126			
		4.0	29.5	8.2	5.5	70	197	126			
		5.0	29.2	8.0	4.5	58	202	129			
		6.0	29.0	7.8	2.2	28	206	132			
		7.0	28.6	7.5	0.2	2	211	135			
		8.0	28.4	7.5	0.1	1	213	136			
		9.0	28.1	7.5	0.1	1	214	137			
		10.0	27.8	7.4	0.1	1	216	139			
		11.0	26.8	7.3	0.1	1	223	142			
		12.0	25.8	7.2	0.1	1	233	150			
		13.0	25.0	7.1	0.1	1	238	154			
		14.0	23.7	7.0	0.1	1	250	160			
7/12/22 09:35	21173(LT23DN)	0.3	31.0	8.5	7.7	99	180	115	0.60	9.78	<1
		1.0	30.8	8.6	7.0	96	180	115			
		2.0	30.7	8.5	6.2	83	183	115			
		3.0	30.7	8.4	6.1	83	183	117			
		4.0	30.7	8.4	6.1	83	182	116			
		5.0	30.7	8.4	6.1	82	181	116			
		6.0	30.7	8.4	6.0	82	181	116			
		7.0	30.7	8.4	5.8	79	182	116			
		8.0	30.0	7.7	2.7	37	194	124			
		9.0	27.8	7.5	0.1	1	220	141			
7/12/22 09:23	10437(LT23B)	0.3	31.3	8.9	9.3	127	180	115	0.64	7.77	<1
		1.0	31.2	9.0	9.0	123	180	115			
		2.0	31.2	8.9	8.7	117	180	115			
		3.0	30.8	8.7	7.6	101	184	119			
		4.0	30.6	8.6	7.2	97	188	119			
		5.0	30.5	8.6	7.2	96	188	119			
		6.0	30.0	8.1	4.2	55	194	125			
		7.0	29.3	7.7	0.4	3	204	131			
		8.0	28.6	7.4	<0.1	<1	217	139			

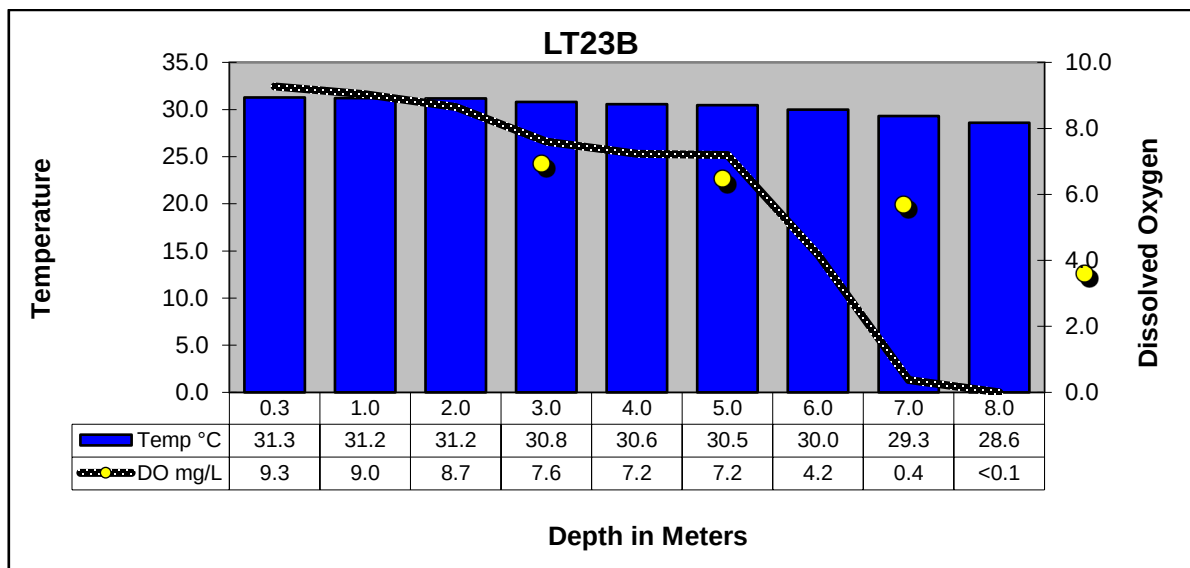
Lake Tawakoni Reservoir Profiles



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

