
SABINE RIVER AUTHORITY OF TEXAS

TO: INTERESTED PARTIES
FROM: ENVIRONMENTAL SERVICES DIVISION
RE: APRIL 2018 MONTHLY WATER QUALITY REPORT

The Environmental Services Field Offices conducted water quality monitoring in the Sabine Basin from April 9th through the 12th. The results of field monitoring are presented in this report and additional results can be found using the Texas Commission on Environmental Quality (TCEQ) Clean Rivers Program Data Tool: <https://www80.tceq.texas.gov/SwqmisWeb/public/crpweb.faces>

Sabine Basin Tidal (Including Tributaries)

Weather – Air temperatures in the tidal basin were mild with highs in the mid 50s to mid 70s. Low temperatures ranged in the mid 30s to mid 50s. The tidal stations received 1.08 inches of rainfall in the seven days prior to the sampling event.

Tidal Conditions – No salinity value of greater than 0.1 ppt was recorded at any tidal station.

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 low 60s to low 80s. Low temperatures ranged in the upper 30s to low 60s. Toledo Bend received 1.33 inches of rainfall during the seven days prior to the sampling event.

Lake Level - The level of Toledo Bend was 172.5 feet with a daily average discharge of 24,477 cfs on the day of sampling. Toledo Bend has a conservation pool level of 172 feet msl. Reservoir profiles indicated a water column that is beginning to stratify.

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 40s to low 80s. Low temperatures were in the mid 30s to upper 40s. Lake Fork and Lake Tawakoni received 0.60 and 0.52 inches of rain during the seven days prior to the sampling event, respectively.

Lake Level - The level of Lake Tawakoni was 437.89 feet msl with a release of 350 cfs on the day of sampling. The level of Lake Fork was 402.70 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 Tawakoni and Lake Fork indicated a mixed water column.

This report and additional links to data for these monitoring stations are available at www.sratx.org. If you have any questions or comments concerning this report, please contact:

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SABINE RIVER AUTHORITY OF TEXAS

Monthly Water Quality Report

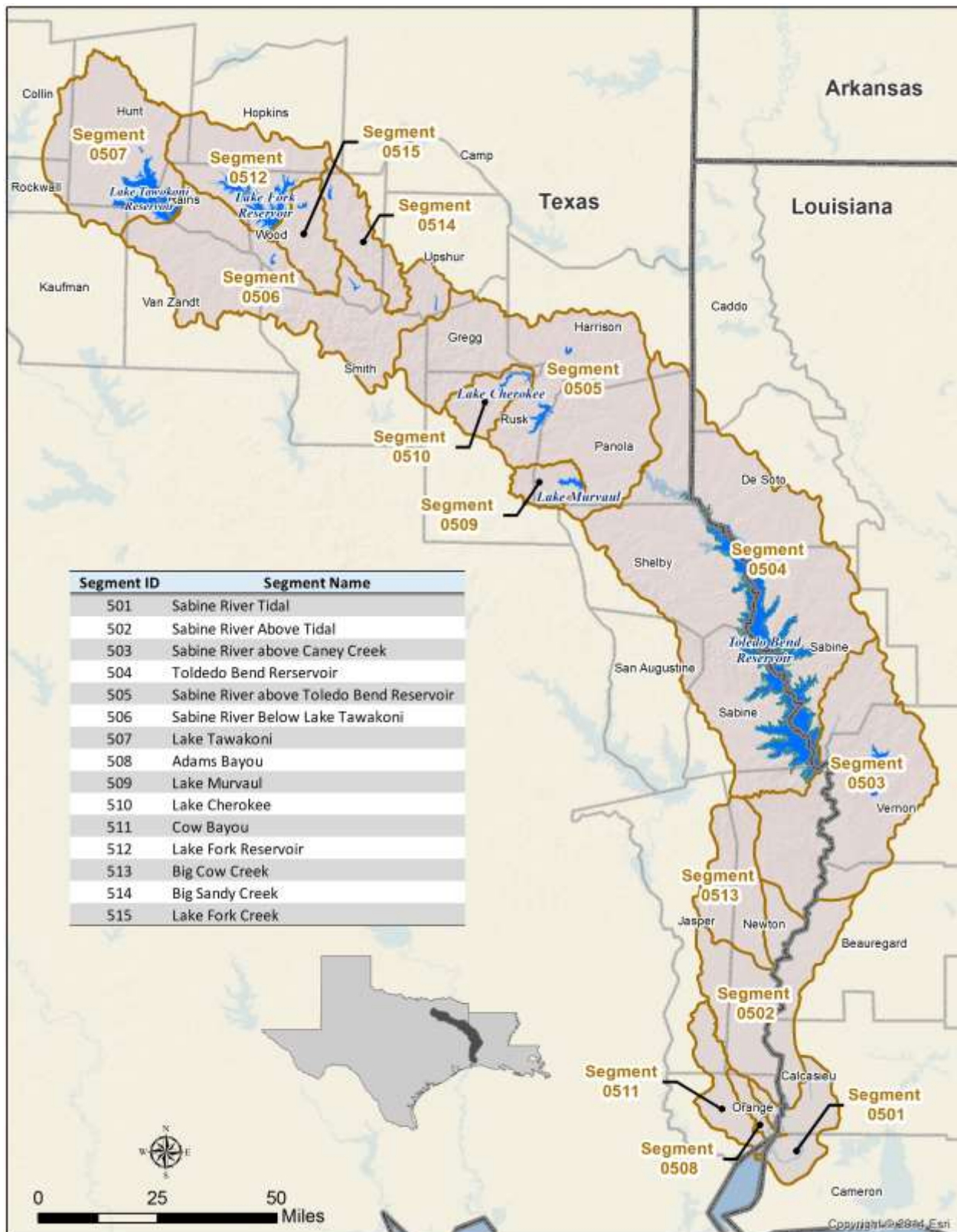
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Sabine Basin Map



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
502	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.

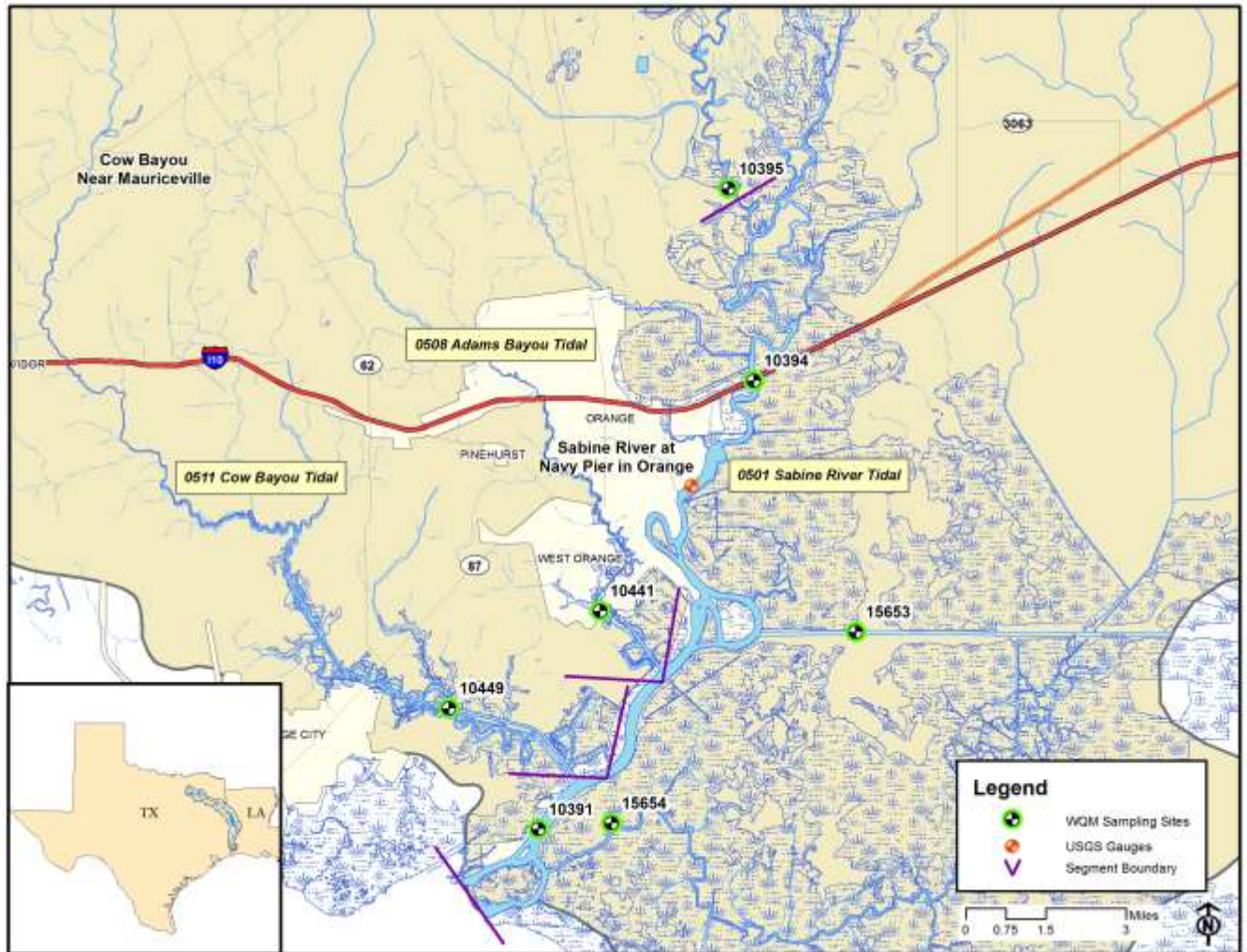
Segment 0508 – Adams Bayou Tidal. The segment reaches from the confluence with the Sabine River in Orange County to a point 1.1 kilometers (0.7 miles) upstream of IH-10 in Orange County.

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

<i>Date and Time</i>	<i>Station</i>	<i>Depth</i>	<i>Temp</i>	<i>pH</i>	<i>DO</i>	<i>% Sat</i>	<i>Cond</i>	<i>TDS</i>	<i>Salinity</i>	<i>Secchi</i>	<i>Turbidity</i>	<i>Enterococcus</i>
		<i>meters</i>	<i>°C</i>	<i>SU</i>	<i>mg/L</i>		<i>µS/cm</i>	<i>mg/L</i>	<i>ppt</i>	<i>meters</i>	<i>NTU</i>	<i>mpn/100mL</i>
4/12/18 09:44	10391(SRT1)	0.3	17.7	6.6	8.0	84	102	65	<0.1	0.79	27.8	40
		3.0	17.6	6.6	7.9	83	102	66	<0.1			
		6.0	17.6	6.5	7.9	83	102	66	<0.1			
		9.0	17.6	6.5	7.8	82	103	66	<0.1			
4/12/18 09:32	15654(BB1)	0.3	18.1	6.6	7.3	78	235	150	0.1	0.52	19.5	24
		1.5	18.0	6.7	7.3	78	235	151	0.1			
		2.5	18.1	6.7	7.4	78	235	150	0.1			
Segment 0511												
4/12/18 09:12	10449(CB1)	0.3	19.0	6.2	5.0	54	151	97	0.1	0.33	21.5	40
		1.5	19.0	6.3	5.0	54	151	97	0.1			
		3.0	19.0	6.3	5.0	54	151	97	0.1			
Segment 0508												
4/12/18 10:02	10441(AB2)	0.3	19.4	6.4	3.8	41	206	131	0.1	0.42	15.6	24
		2.0	19.1	6.5	3.5	38	205	131	0.1			
		3.5	19.0	6.5	2.9	31	208	134	0.1			
4/12/18 10:21	15653(ICW1)	0.3	18.2	6.6	7.7	82	102	65	<0.1	0.68	26.3	30
		2.5	18.0	6.5	7.7	80	102	65	<0.1			
		5.0	17.8	6.5	7.5	79	101	65	<0.1			
4/12/18 10:57	10394(SRT2)	0.3	17.4	6.5	7.8	82	101	64	<0.1	0.28	36.0	30
		3.0	17.3	6.6	7.9	82	101	65	<0.1			
		6.5	17.3	6.5	7.9	82	101	65	<0.1			
		9.0	17.3	6.5	7.9	82	100	64	<0.1			

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 from the confluence with the Sabine River in Newton County to a point 4.6 kilometers (2.9 miles) upstream of R 255 in Newton County.

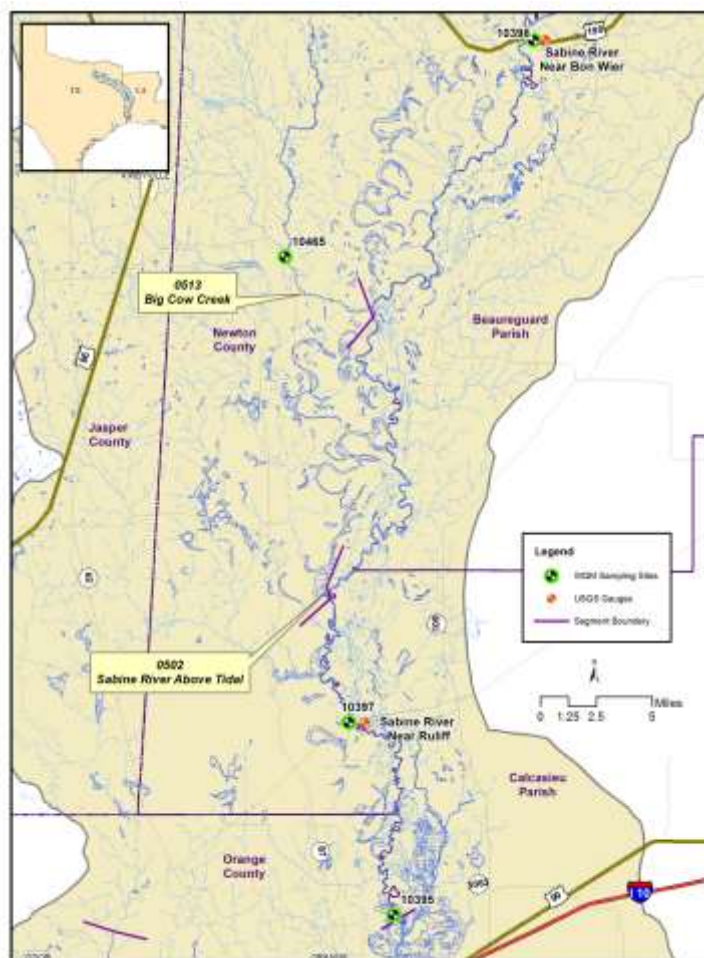
Segment 0502 USGS- Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
4/11/18 08:37	10397(SR2)	08030500	Sabine River near Ruliff, TX	31,200

Segment 0502 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
4/12/18 11:35	10395(SR1)	0.3	17.6	6.5	7.7	81	108	69	0.46	41.1	172
4/11/18 08:37	10397(SR2)	0.3	16.7	6.2	8.0	82	95	61	0.35	31.5	214
Segment 0513											
4/11/18 09:17	10465(BCC1)	0.3	15.2	5.7	8.7	87	35	22	0.32	30.4	261

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 with 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

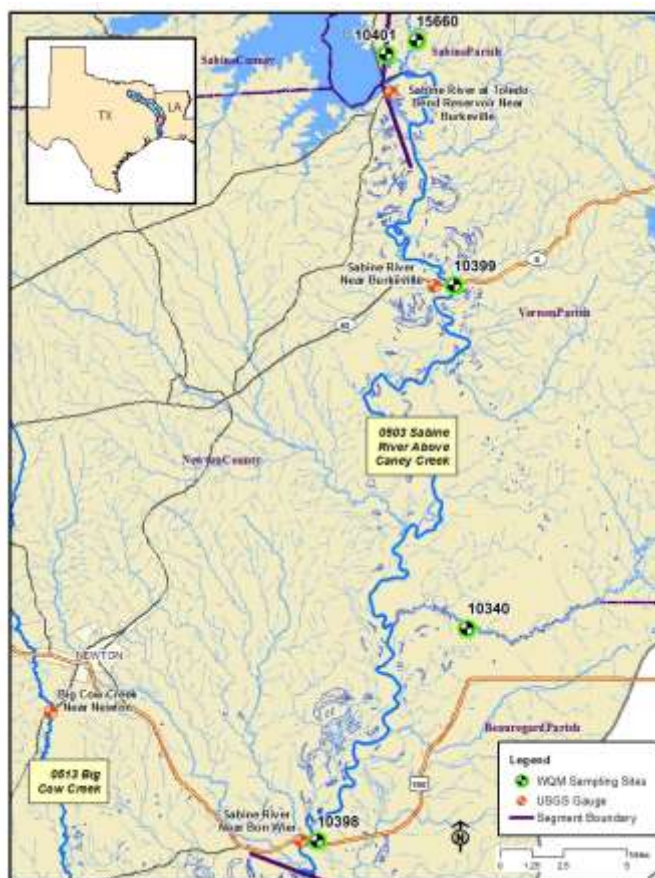
Date and Time	Station	USGS Station #	Location	Flow (cfs)
4/11/18 11:16	10398(SR3)	08028500	Sabine River near Bon Wier, TX	27,900
4/11/18 10:18	10399(SR5)	08026000	Sabine River near Burkeville, TX	28,500

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
4/11/18 11:16	10398(SR3)	0.3	17.7	6.7	8.7	92	118	75	0.39	20.2	18
4/11/18 10:55	10340(BA4)	0.3	17.6	6.6	8.2	85	149	95	0.25	39.6	40
4/11/18 10:18	10399(SR5)	0.3	17.8	6.9	9.3	97	121	78	0.91	6.45	7
4/9/18 13:00	10401(TB6S)	0.3	*	*	*	*	*	*	*	*	*
4/9/18 12:48	15660(BT1)	0.3	14.7	6.5	9.1	89	40	26	0.14	97.9	1,733

* Did not sample

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
4/10/18 14:35	10404(TB6A)	0.3	18.5	7.3	9.3	99	122	78	>1.2	2.96	<1
		1.0	18.5	7.3	9.3	99	122	78			
		2.0	18.4	7.3	9.3	99	122	78			
		3.0	18.4	7.2	9.3	99	122	78			
		4.0	18.3	7.2	9.3	99	122	78			
		5.0	18.3	7.2	9.3	99	122	78			
		6.0	18.3	7.2	9.3	99	122	78			
		7.0	18.3	7.2	9.3	99	122	78			
		10.0	18.3	7.1	9.3	99	122	78			
		13.0	18.3	7.1	9.3	99	122	78			
		16.0	15.3	6.9	6.9	83	123	79			
		19.0	14.0	6.7	4.5	42	125	80			
		22.0	13.5	6.4	3.4	31	125	80			
		25.0	12.8	6.4	3.2	29	126	81			
4/10/18 08:32	10406(TB6C)	0.3	18.3	6.5	7.8	83	66	42	0.76	10.6	4
		1.0	18.4	6.6	7.8	82	65	42			
		2.0	18.4	6.5	7.7	82	65	42			
		3.0	18.4	6.4	7.7	82	65	42			
		4.0	18.2	6.4	7.6	79	60	38			
4/10/18 13:26	18054(TB6Q)	0.3	19.7	7.2	9.5	104	135	86	0.91	6.94	1
		1.0	19.5	7.4	9.5	103	135	86			
		2.0	19.0	7.3	9.3	99	130	83			
		3.0	18.7	7.1	8.1	87	129	82			
		4.0	18.6	7.0	7.9	84	130	83			
		5.0	18.6	6.9	7.8	84	131	84			
		6.0	18.6	6.9	7.7	82	130	83			
		7.0	18.5	6.8	7.4	77	137	88			
		8.0	18.3	6.7	6.9	73	134	86			
		9.0	18.3	6.7	6.8	72	135	86			

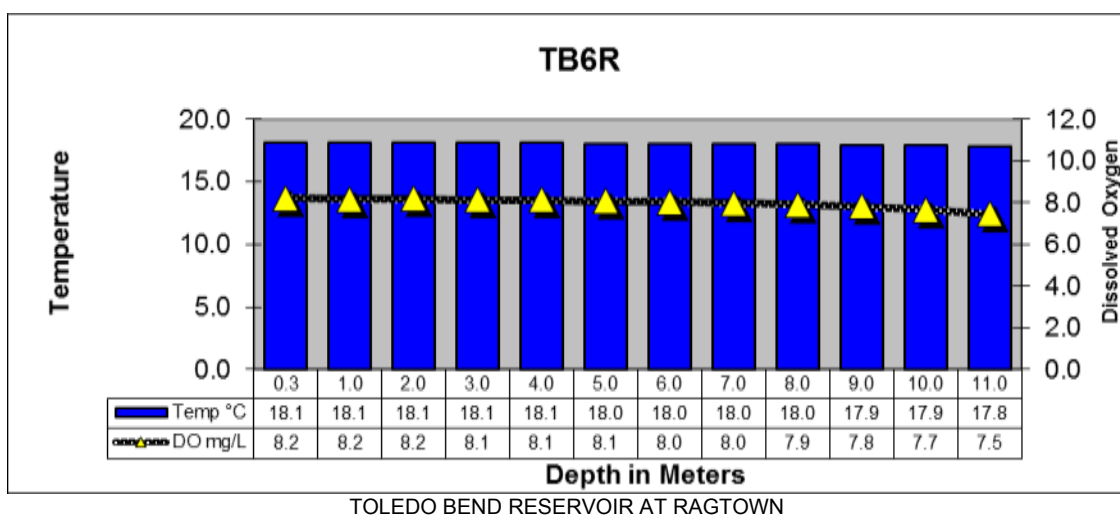
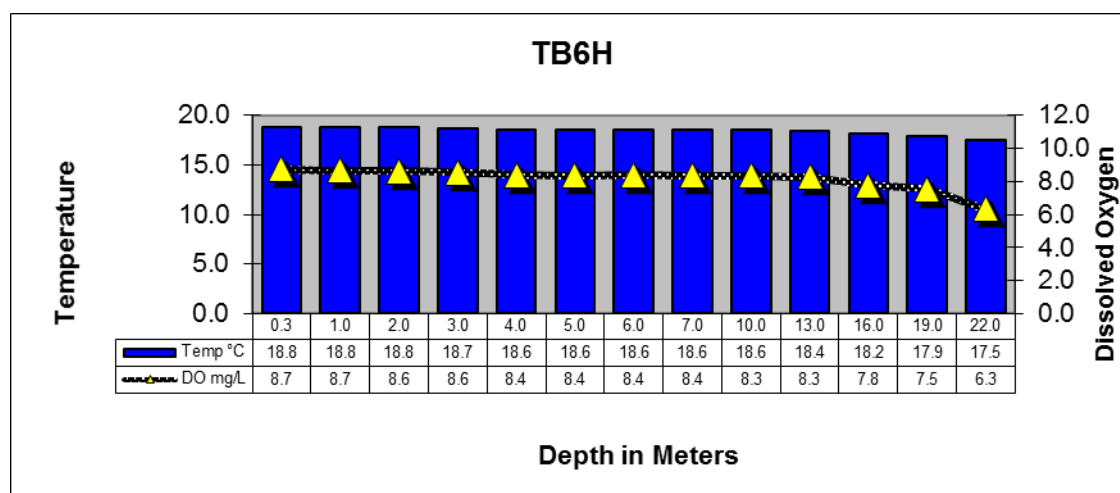
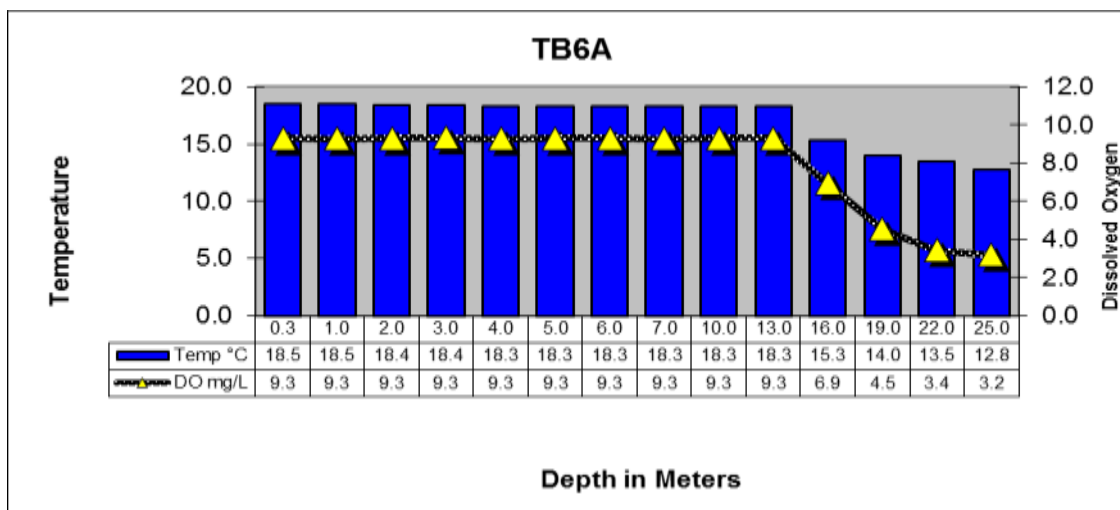
Segment 0504 Water Quality Continued

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
4/9/18 11:00	10411(TB6F)	0.3	18.1	7.3	8.1	85	60	38	0.33	37.0	21
		1.0	18.2	7.0	7.5	79	60	38			
		2.0	18.1	6.8	7.4	78	61	39			
		3.0	18.1	6.7	7.4	78	61	39			
		4.0	17.4	6.6	7.4	77	73	47			
		5.0	17.0	6.6	7.2	74	74	47			
4/10/18 11:05	10402(TB6H)	0.3	18.8	6.9	8.7	93	131	84	0.55	9.87	1
		1.0	18.8	7.0	8.7	93	131	84			
		2.0	18.8	7.1	8.6	92	131	84			
		3.0	18.7	7.1	8.6	91	131	84			
		4.0	18.6	7.1	8.4	90	131	84			
		5.0	18.6	7.0	8.4	89	131	84			
		6.0	18.6	7.0	8.4	90	131	84			
		7.0	18.6	7.0	8.4	89	131	84			
		10.0	18.6	6.9	8.3	89	131	84			
		13.0	18.4	6.9	8.3	87	130	83			
		16.0	18.2	6.8	7.8	81	127	81			
		19.0	17.9	6.7	7.5	79	126	81			
		22.0	17.5	6.6	6.3	65	128	82			
4/9/18 11:22	15659(TB6K)	0.3	18.3	7.1	7.4	78	90	57	0.38	23.7	21
		1.0	18.3	6.8	6.9	72	86	55			
		2.0	18.3	6.6	6.8	72	79	51			
		3.0	18.2	6.6	6.8	72	82	53			
		4.0	18.2	6.5	6.8	72	80	51			
		5.0	18.2	6.5	6.8	72	80	52			
		6.0	18.2	6.5	6.8	72	78	50			
		7.0	18.2	6.5	6.8	72	79	51			
		8.0	18.0	6.4	6.8	71	80	51			
		9.0	18.0	6.4	6.6	70	80	51			
4/9/18 10:30	15655(TB6J)	0.3	17.9	6.9	8.2	87	100	64	0.30	31.5	152
		1.0	17.8	6.8	8.3	87	100	64			
		2.0	17.8	6.9	8.1	85	100	64			
		3.0	17.8	6.8	8.0	84	100	64			
		4.0	16.2	6.6	7.8	77	65	42			
		5.0	16.0	6.4	6.9	70	64	41			

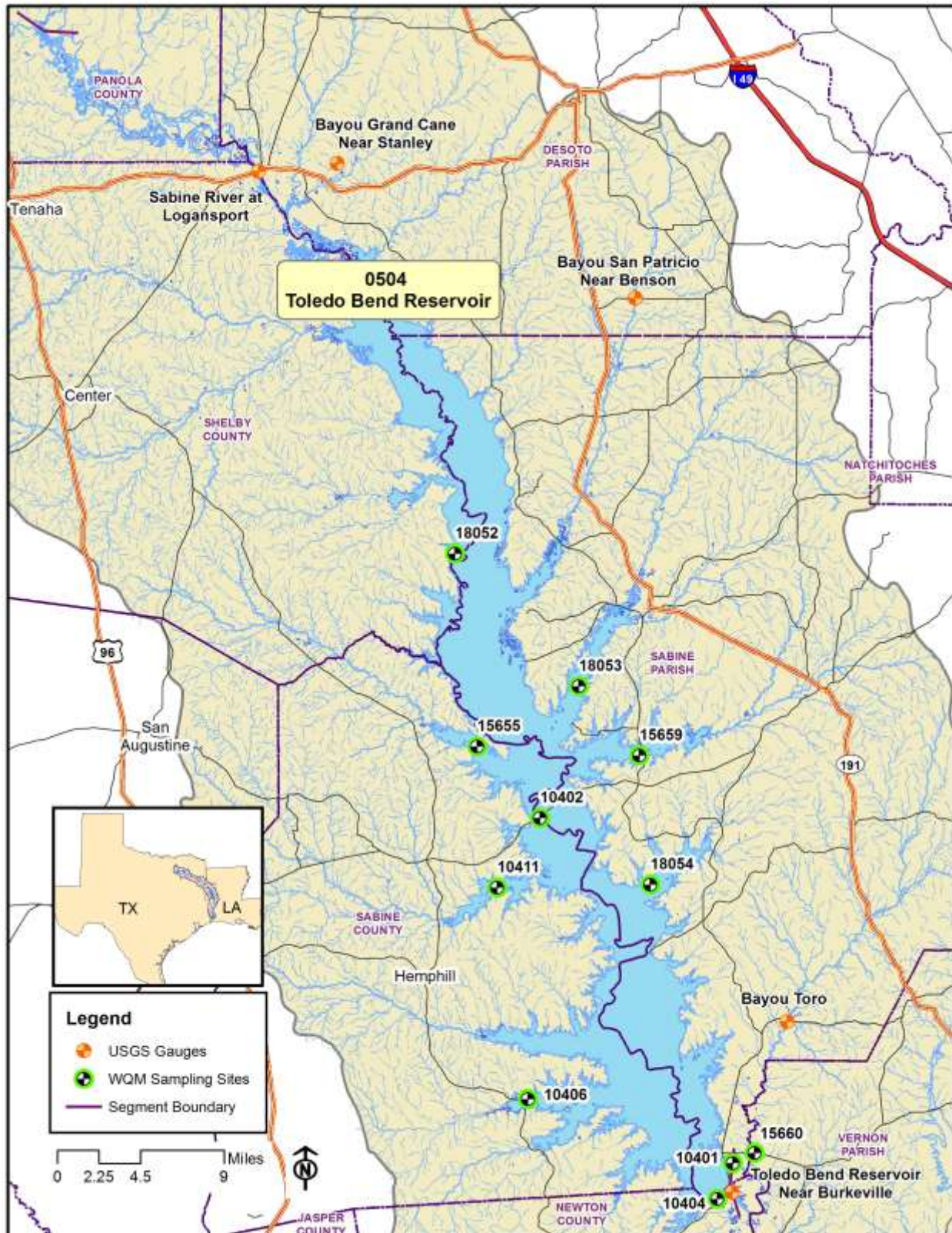
Segment 0504 Water Quality Continued

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
4/10/18 12:37	18053(TB6LN)	0.3	19.3	6.7	7.6	82	93	60	0.68	12.3	<1
		1.0	19.0	6.8	7.5	80	91	59			
		2.0	18.6	6.6	7.4	78	88	57			
		3.0	18.4	6.6	7.1	75	89	57			
		4.0	18.4	6.5	7.0	74	90	57			
		5.0	18.4	6.6	6.8	73	90	58			
		6.0	18.4	6.5	6.8	72	91	58			
4/10/18 09:50	18052(TB6R)	0.3	18.1	7.0	8.2	87	138	88	0.70	14.4	3
		1.0	18.1	7.1	8.2	86	138	88			
		2.0	18.1	7.1	8.2	87	138	88			
		3.0	18.1	7.1	8.1	86	138	88			
		4.0	18.1	7.0	8.1	86	138	88			
		5.0	18.0	7.0	8.1	85	138	88			
		6.0	18.0	7.0	8.0	85	138	88			
		7.0	18.0	7.0	8.0	84	138	88			
		8.0	18.0	7.0	7.9	83	138	88			
		9.0	17.9	7.0	7.8	82	137	87			
		10.0	17.9	6.9	7.7	80	137	87			
		11.0	17.8	6.9	7.5	78	136	87			
		12.0	17.8	6.8	7.3	77	137	87			
		13.0	17.7	6.9	7.2	75	137	87			

Toledo Bend Reservoir Profiles



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.

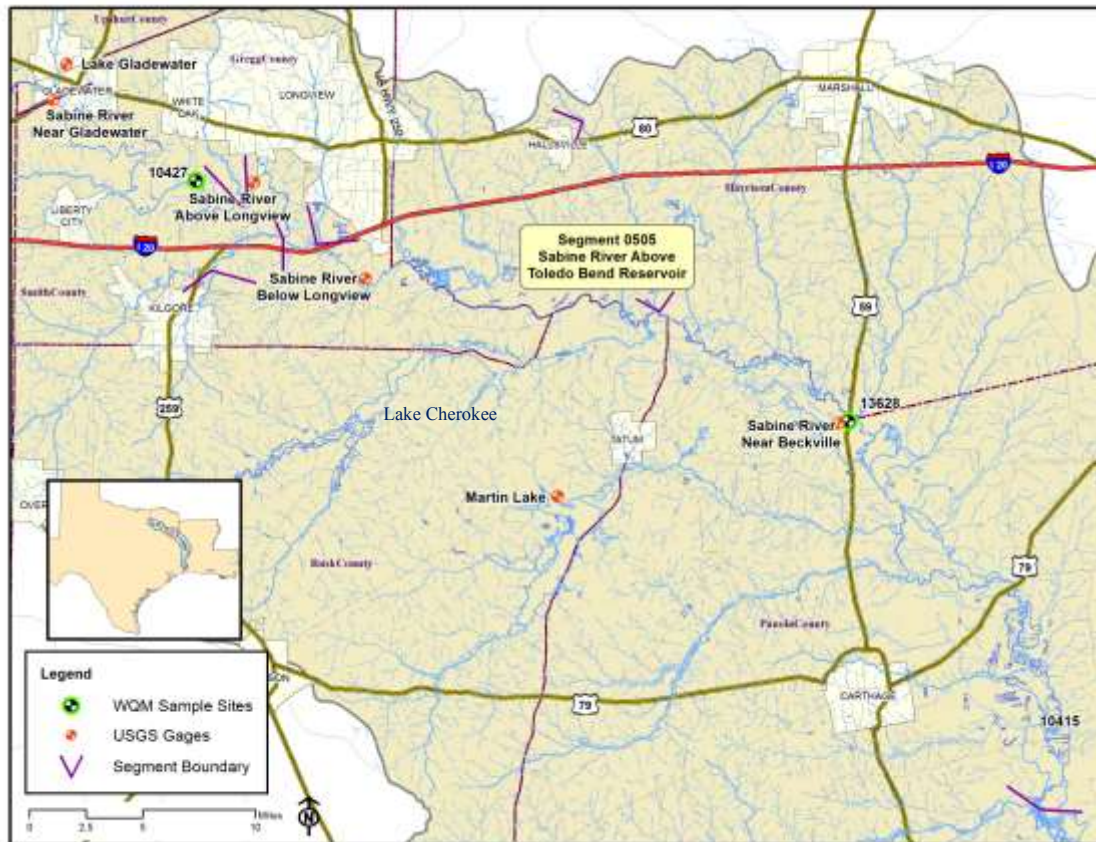
Segment 0505 USGS- Recorded Flows

Date and Time	Station	USGS Station #	Location	Flow (cfs)
4/11/18 09:21	13628(SR11)	08022040	Sabine River near Beckville, TX	2,720

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
4/11/18 09:53	10415(SR10)	0.3	16.4	6.9	7.8	80	191	122	0.20	46.2	196
4/11/18 09:21	13628(SR11)	0.3	16.6	7.1	8.3	86	225	144	0.17	51.3	57
4/11/18 08:15	10427(SR16)	0.3	15.8	7.1	8.5	87	208	134	0.12	40.9	46

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 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 from the confluence with the Sabine River in Wood County to Lake Fork Dam in Wood County.

Segment 0512 - Lake Fork Reservoir 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)
4/11/18 07:43	10428(SR17)	08020000	Sabine River near Gladewater, TX	1,500
4/11/18 06:56	10429(SR19)	08019200	Sabine River near Hawkins, TX	1,110
4/10/18 13:49	10430(SR21)	08018500	Sabine River near Mineola, TX	610
Segment 0514				
4/11/18 07:17	10468(BS1)	08019500	Big Sandy Creek near Big Sandy, TX	120

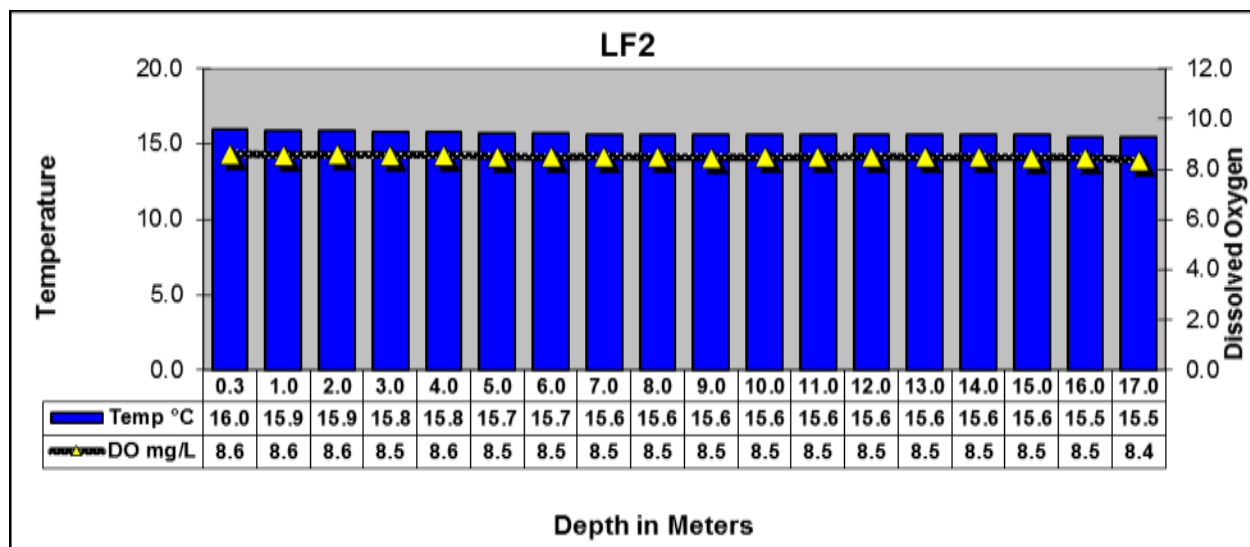
Segment 0506 Water Quality

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
4/11/18 07:43	10428(SR17)	0.3	15.6	7.1	8.6	88	229	147	0.15	53.2	42
4/11/18 06:56	10429(SR19)	0.3	15.0	7.4	9.0	90	228	146	0.09	64.9	86
4/10/18 13:49	10430(SR21)	0.3	14.9	7.4	8.8	88	237	152	0.15	95.5	140
Segment 0514											
4/11/18 07:17	10468(BS1)	0.3	15.6	7.0	8.3	85	151	97	0.56	13.5	167
Segment 0515											
4/10/18 14:14	10469(LF20)	0.3	15.5	6.9	8.3	84	266	170	0.28	41.2	133
Segment 0512											
4/10/18 12:18	10458(LF2)	0.3	16.0	7.5	8.6	88	122	78	0.83	10.7	2
		1.0	15.9	7.3	8.6	88	122	78			
		2.0	15.9	7.3	8.6	88	122	78			
		3.0	15.8	7.3	8.5	87	122	78			
		4.0	15.8	7.2	8.6	87	122	78			
		5.0	15.7	7.2	8.5	87	122	78			
		6.0	15.7	7.2	8.5	86	122	78			
		7.0	15.6	7.1	8.5	87	122	78			
		8.0	15.6	7.1	8.5	86	122	78			
		9.0	15.6	7.1	8.5	86	122	78			
		10.0	15.6	7.1	8.5	86	122	78			
		11.0	15.6	7.1	8.5	86	122	78			
		12.0	15.6	7.1	8.5	86	122	78			
		13.0	15.6	7.1	8.5	86	122	78			
		14.0	15.6	7.1	8.5	86	122	78			
		15.0	15.6	7.1	8.5	86	122	78			
		16.0	15.5	7.1	8.5	86	122	78			
		17.0	15.5	7.0	8.4	85	122	78			

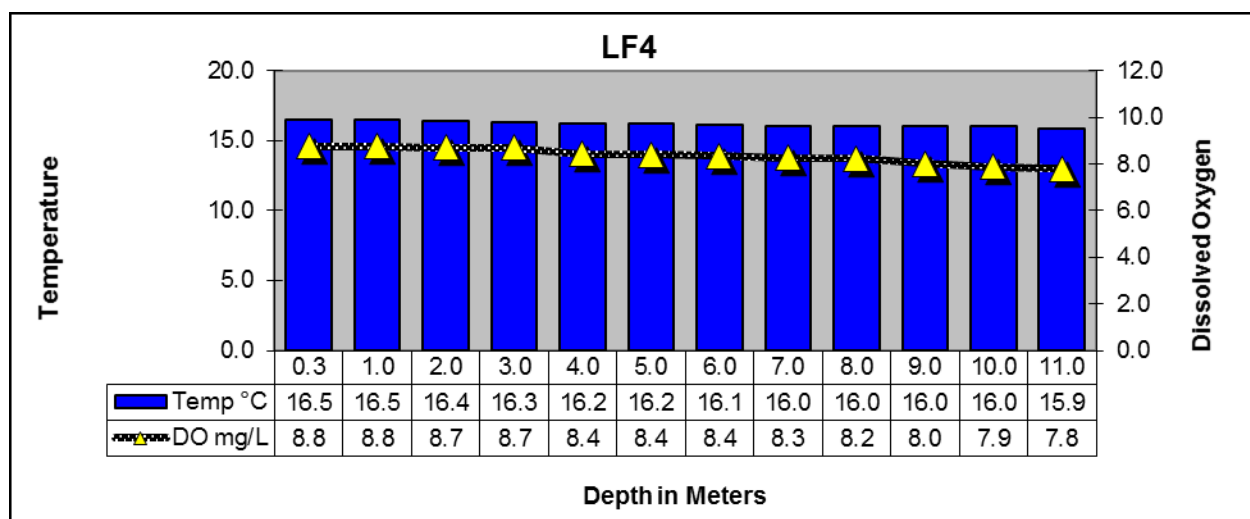
Segment 0506 Water Quality Continued

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
4/10/18 11:25	10462(LF4)	0.3	16.5	7.5	8.8	91	122	78	0.51	20.5	3
		1.0	16.5	7.4	8.8	91	122	78			
		2.0	16.4	7.3	8.7	90	122	78			
		3.0	16.3	7.3	8.7	90	122	78			
		4.0	16.2	7.2	8.4	87	122	78			
		5.0	16.2	7.2	8.4	86	122	78			
		6.0	16.1	7.2	8.4	86	122	78			
		7.0	16.0	7.2	8.3	85	122	78			
		8.0	16.0	7.1	8.2	84	122	78			
		9.0	16.0	7.1	8.0	82	122	78			
		10.0	16.0	7.1	7.9	81	122	78			
		11.0	15.9	7.1	7.8	80	122	78			
4/10/18 11:42	10461(LF3)	0.3	16.5	7.3	8.4	88	126	81	0.49	18.4	1
		1.0	16.4	7.2	8.5	88	126	81			
		2.0	16.4	7.2	8.5	88	126	81			
		3.0	16.4	7.2	8.4	88	126	81			
		4.0	16.3	7.1	8.3	86	126	81			
		5.0	16.3	7.1	8.3	85	126	81			
		6.0	16.2	7.1	8.2	84	126	81			
		7.0	16.1	7.1	8.0	83	125	80			
		8.0	16.1	7.0	8.0	82	125	80			
		9.0	16.0	7.0	7.7	78	125	80			

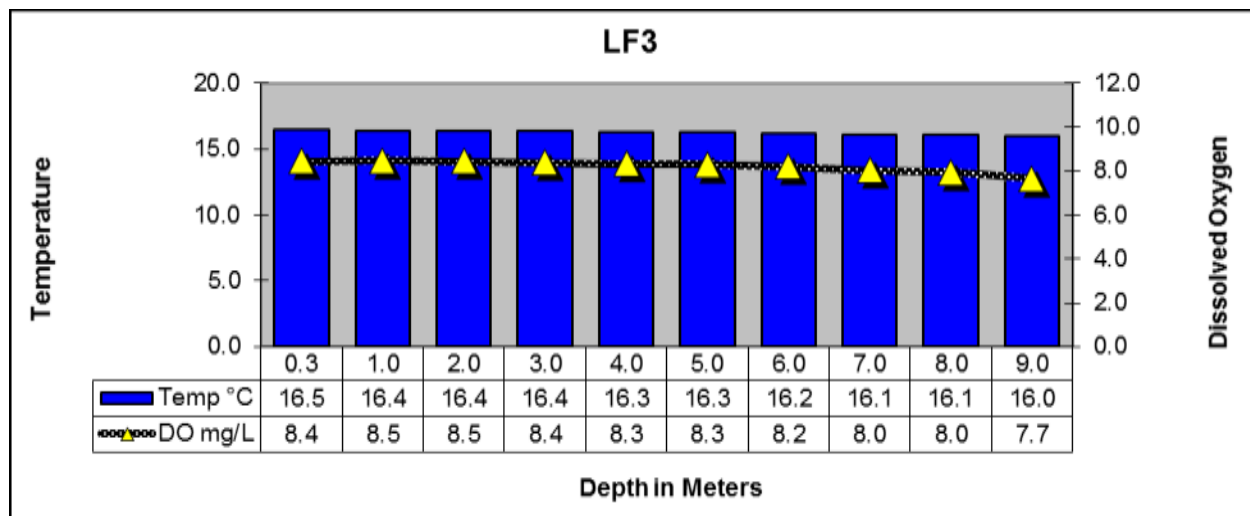
Lake Fork Reservoir Profiles



LAKE FORK RESERVOIR NEAR DAM IN CREEK CHANNEL

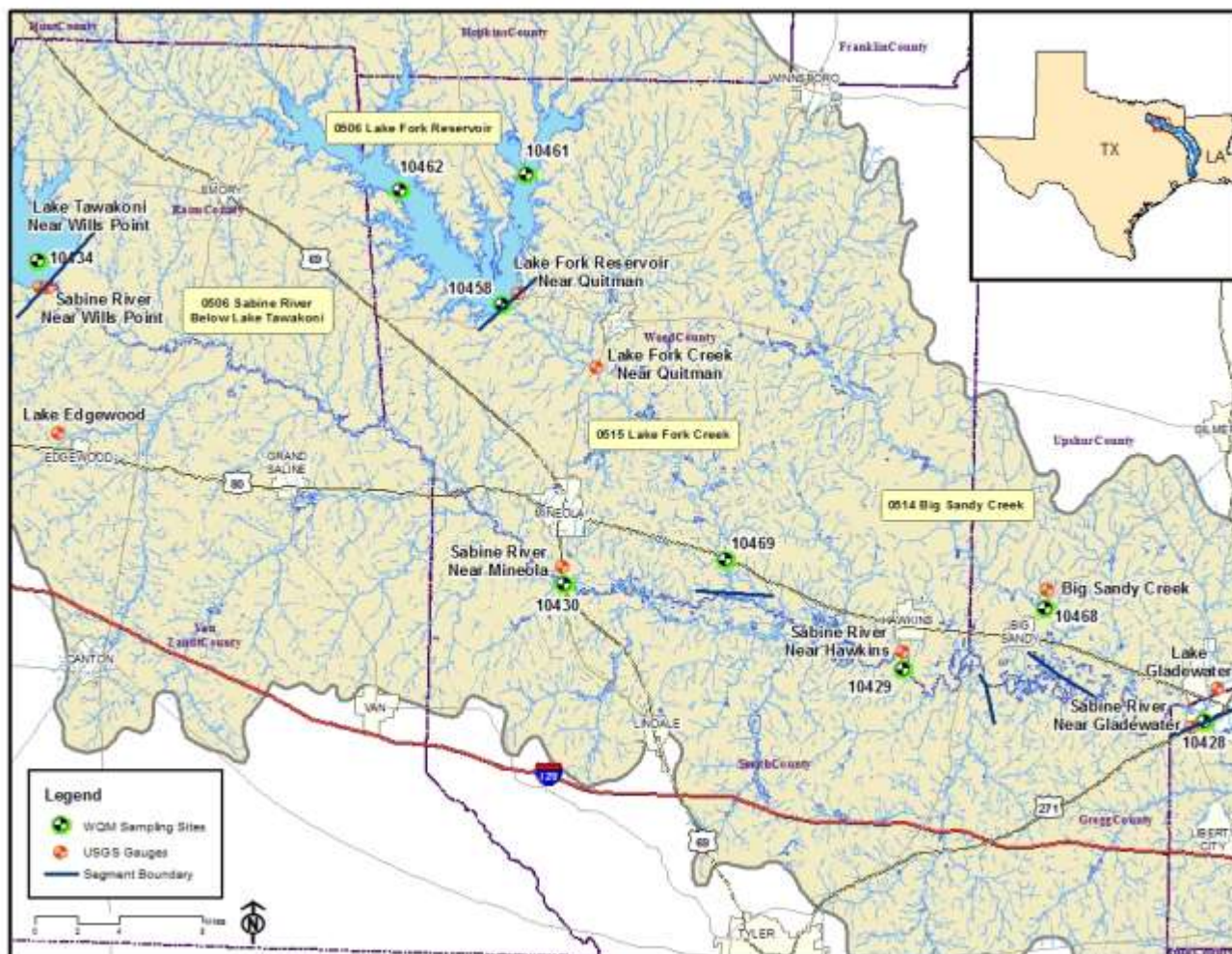


LAKE FORK RESERVOIR MID-COVE IN LAKE FORK CREEK ARM AT FM515



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

Segments 0506, 0512, 0514 & 0515



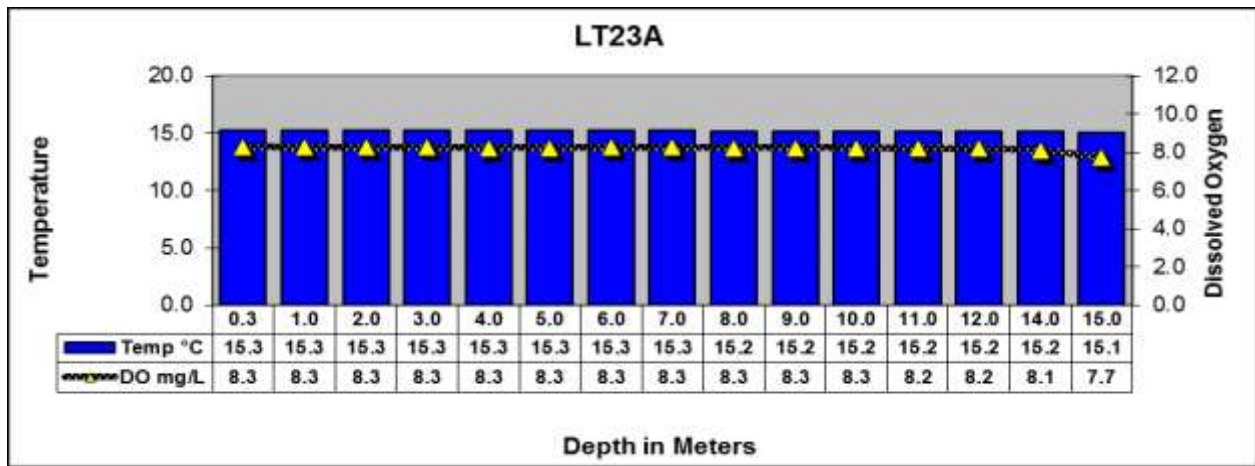
Segment 0507 - Lake Tawakoni

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.

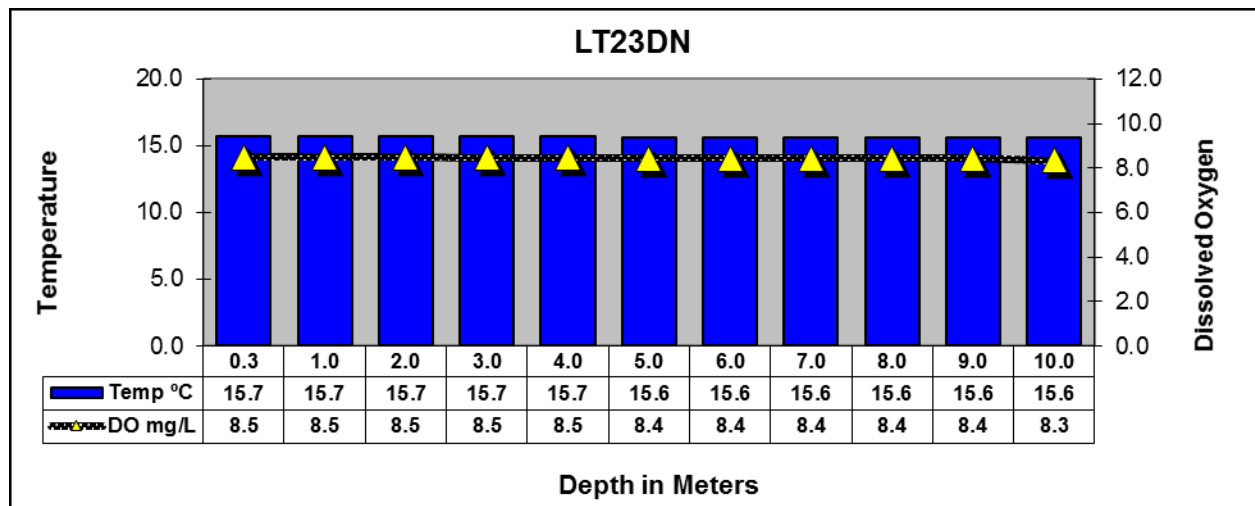
Segment 0507 Water Quality

Date and Time	Station	Depth 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
4/10/18 10:14	10434(LT23A)	0.3	15.3	7.6	8.3	84	175	112	0.42	25.2	< 1
		1.0	15.3	7.6	8.3	84	175	113			
		2.0	15.3	7.6	8.3	84	175	113			
		3.0	15.3	7.6	8.3	84	175	113			
		4.0	15.3	7.6	8.3	84	175	112			
		5.0	15.3	7.5	8.3	84	175	113			
		6.0	15.3	7.5	8.3	84	175	112			
		7.0	15.3	7.5	8.3	84	175	112			
		8.0	15.2	7.5	8.3	84	175	112			
		9.0	15.2	7.5	8.3	83	174	112			
		10.0	15.2	7.5	8.3	83	175	112			
		11.0	15.2	7.5	8.2	83	175	112			
		12.0	15.2	7.5	8.2	83	175	112			
		13.0	15.2	7.5	8.2	83	175	112			
		14.0	15.2	7.5	8.1	82	175	112			
		15.0	15.1	7.4	7.7	76	175	112			
4/10/18 09:38	21173(LT23DN)	0.3	15.7	7.7	8.5	87	173	111	0.40	30.0	< 1
		1.0	15.7	7.7	8.5	87	173	111			
		2.0	15.7	7.6	8.5	87	173	111			
		3.0	15.7	7.6	8.5	86	173	111			
		4.0	15.7	7.6	8.5	86	173	111			
		5.0	15.6	7.6	8.4	86	173	111			
		6.0	15.6	7.6	8.4	86	173	111			
		7.0	15.6	7.6	8.4	86	173	111			
		8.0	15.6	7.6	8.4	86	173	111			
		9.0	15.6	7.6	8.4	86	173	111			
		10.0	15.6	7.5	8.3	85	173	111			
4/10/18 09:15	10437(LT23B)	0.3	15.2	7.7	8.6	87	172	110	0.34	41.5	2
		1.0	15.2	7.6	8.6	87	172	110			
		2.0	15.1	7.6	8.6	87	172	110			
		3.0	15.1	7.6	8.6	86	172	110			
		4.0	15.1	7.6	8.6	86	172	110			
		5.0	15.1	7.6	8.6	87	172	110			
		6.0	15.1	7.6	8.6	87	172	110			
		7.0	15.1	7.6	8.5	86	172	110			
		8.0	15.1	7.5	8.5	85	172	110			

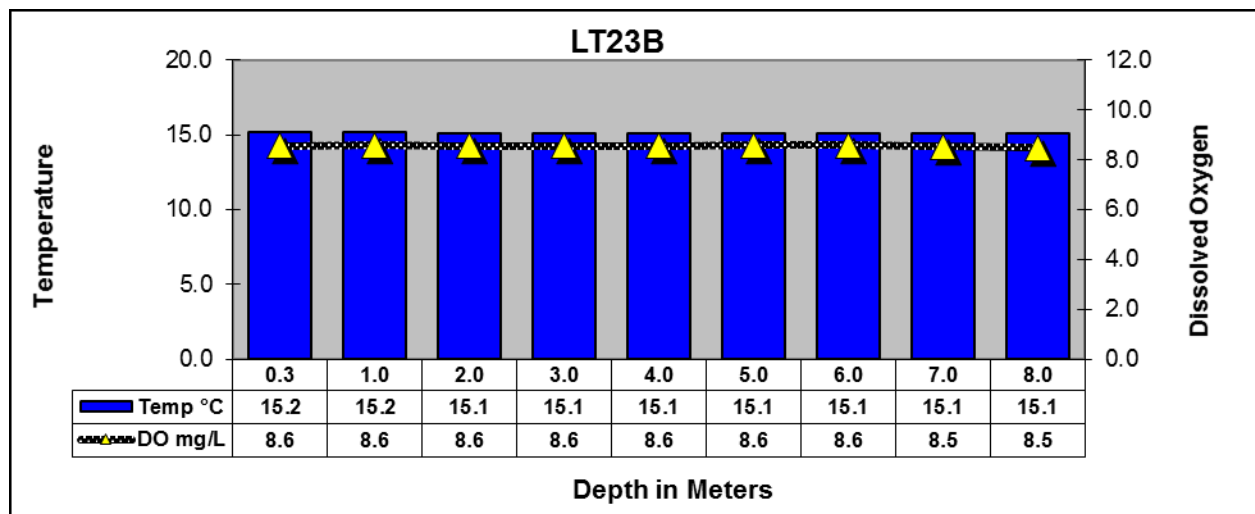
Lake Tawakoni Reservoir Profiles



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

