

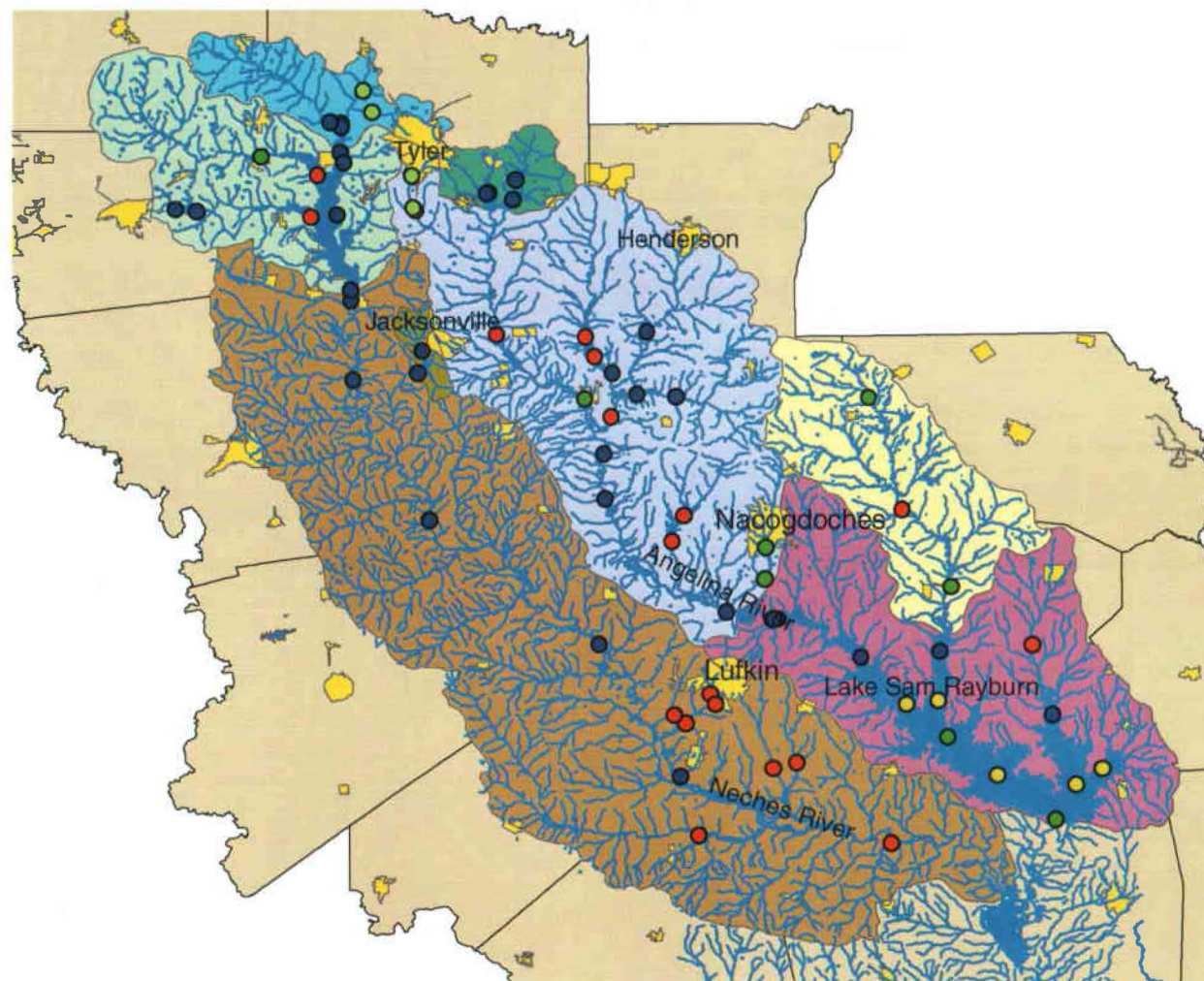
Angelina & Neches River Authority



Upper Neches River Basin Coordinated Monitoring Meeting April 28, 2005

FY 2006 Proposed Monitoring Schedules and Segment Maps

Upper Neches River Basin Monitoring Stations FY 2006



Legend

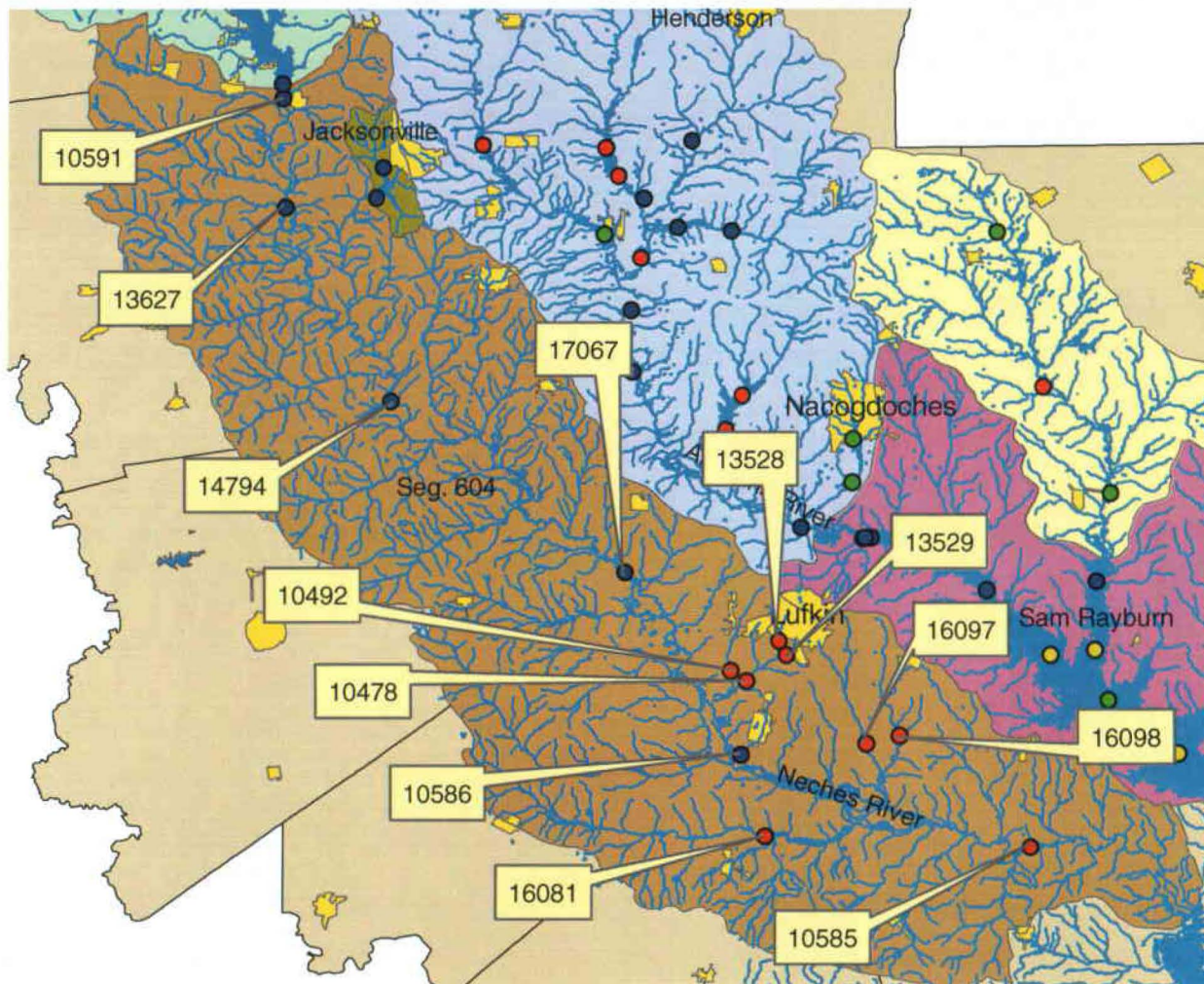
- ANRA Routine Monitoring Stations
- ANRA CZR Monitoring Stations
- TCEQ Monitoring Stations
- ANRA & TCEQ Monitored Stations
- City of Tyler Monitoring Stations

- Hydrology
- Cities
- segment 604
- segment 605
- segment 606
- segment 610
- segment 611
- segment 612
- segment 613
- segment 614

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Created on: April 26, 2005



Segment 604 Monitoring Stations FY 2006



Legend

- ANRA Routine Monitoring Stations
- TCEQ Monitoring Stations
- Hydrology
- Cities
- segment 604
- segment 605
- segment 610
- segment 611
- segment 612
- segment 614



0 15 30 60 Miles

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Created on: April 26, 2005



CRP SCHEDULE HOME

River Basin: 6 FY: 2006

Desc	Stat	Reg	SC 1	SC 2	Pgm Code	DO	AqHab	Benth	Nekt	Met Wat	Org Wat	Met Sed	Org Sed	Conv	Amb Tox Wat	Amb Tox Sed	Bact Flow	Fish Tis	Fld	Comments
Segment 604																				
ANRA Mild showing 12 data points + CEDAR CREEK AT FM 2497 NORTH OF DIBOLL	10478	10	AN	AN	RT					1				4			4	4	4	
+ JACK CREEK AT FM 2497 SOUTHWEST OF LUFKIN	10492	10	AN	AN	RT					1				4			4	4	4	
NECHES RIVER AT US 69, 1.5 MI. NW OF ROCKLAND IN TYLER COUNTY	10585	10	AN	AN	RT									4			4	4	4	
NECHES RIVER AT US 59 SOUTH OF DIBOLL	10586	10	WC	FO	RT									4			4	4	4	
NECHES RIVER AT US 175 EAST OF FRANKSTON	10591	5	WC	FO	RT									4			4	4	4	
+ CEDAR CREEK AT CR 1336	13528	10	AN	AN	IS									4			4	4	4	
HURRICANE CREEK AT SH 324, 1MI SOUTH OF LUFKIN	13529	10	AN	AN	RT					1				4			4	4	4	
NECHES RIVER AT US 79, 4.4 MI. NORTH OF NECHES, 1.0 MI. DOWNSTREAM FROM RAILROAD BRIDGE	13627	5	WC	FO	RT									4			4	4	4	
NECHES RIVER AT SH 294 SOUTHWEST OF RUSK IN ANDERSON COUNTY	14794	5	WC	FO	RT					4				4			4	4	4	
PINEY CREEK AT FM1987, 3 MI. NE OF CORRIGAN	16081	10	AN	AN	DI	2											2			
PINEY CREEK AT FM1987, 3 MI. NE OF CORRIGAN	16081	10	AN	AN	RT					1				4			4	4	4	
BILOXI CREEK AT FM1818, 9 MI. EAST OF DIBOLL	16097	10	AN	AN	DI	2											2			
BILOXI CREEK AT FM1818, 9 MI. EAST OF DIBOLL	16097	10	AN	AN	RT					1				4			4	4	4	
+ BUCK CREEK AT FM1818, 11 MI. EAST OF DIBOLL	16098	10	AN	AN	RT					1				4			4	4	4	
NECHES RIVER AT SH7, WEST OF LUFKIN	17067	10	WC	FO	RT									4			4		4	

*ANRA - not finding metal point sources, may drop?
have found Alun + Lead
May go to focusing on metals that are
of concern.
Alun (naturally high all over) will continue
to monitor in lower basin where it is
higher

- Waiting for O6 data analysis to determine
what metals are found then design a
sampling for the metals showing up

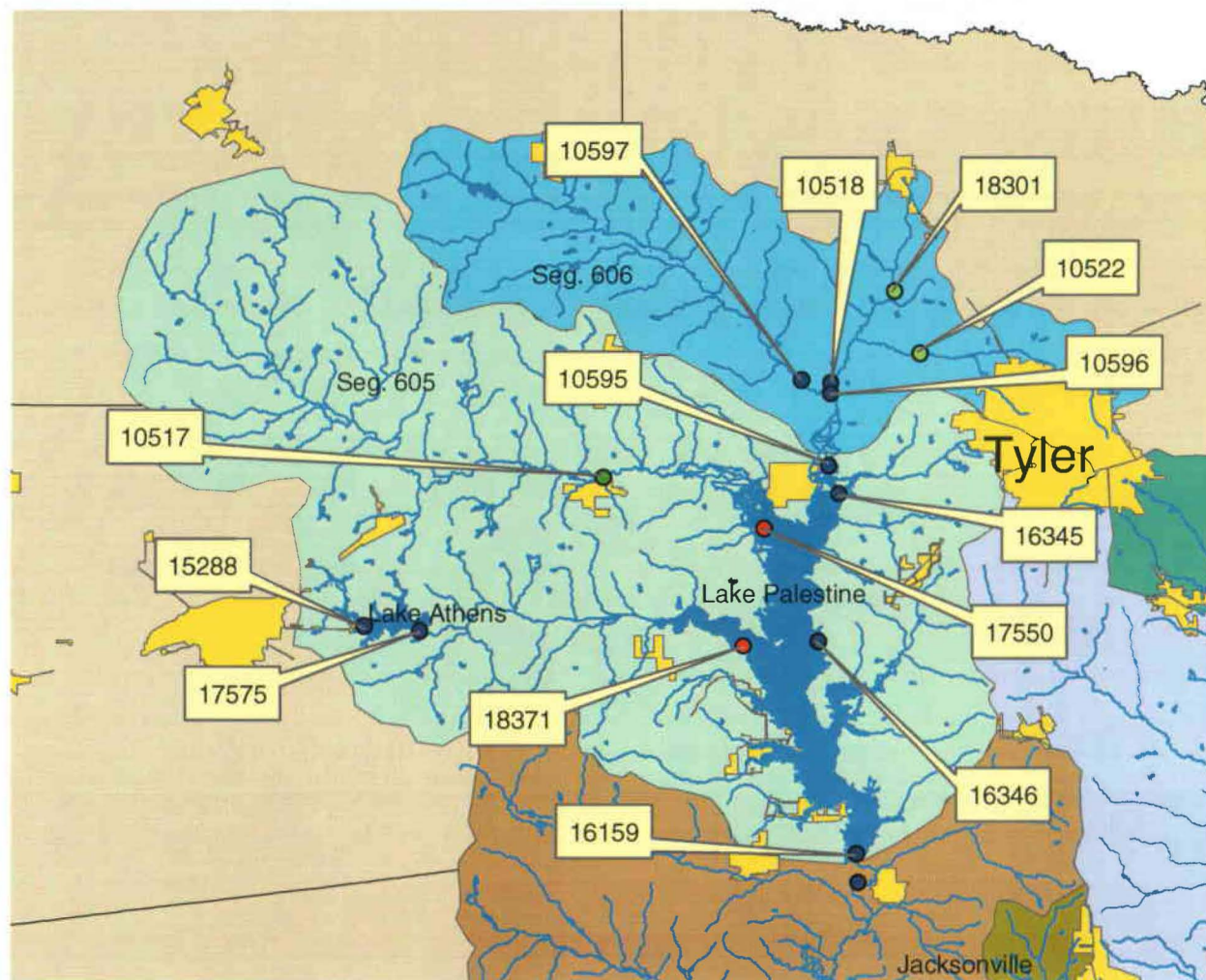
13528 making a routine site

high bact crit
++ 10492 + 10493 (not listed) 1/4 sampling
10478 + 13529
e-coli sampling has been high

changed location of station 20 + yds downstream
to better monitor DO

X Fish advisory for Steinhilber + Radditt

Segments 605 and 606 Monitoring Stations FY 2006



0 5 10 20 Miles

Legend

- ANRA Routine Monitoring Stations
- TCEQ Monitoring Stations
- ANRA & TCEQ Monitored Stations
- City of Tyler Monitoring Stations

- Hydrology
- Cities
- segment 606
- segment 611
- segment 613
- segment 604
- segment 605



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CRP SCHEDULE HOME

River Basin: 6 FY: 2006

Desc	Stat	Reg	SC 1	SC 2	Pgm Code	DO	AqHab	Benth	Nekt	Met Wat	Org Wat	Met Sed	Org Sed	Conv	Amb Tox Wat	Amb Tox Sed	Bact	Flow	Fish Tis	Fld	Comments
Segment 605																					
KICKAPOO CREEK AT FM 314 NEAR BROWNSBORO	10517	5	AN	AN	RT					1				4			4	4		4	
KICKAPOO CREEK AT FM 314 NEAR BROWNSBORO	10517	5	WC	FO	TM												12	12			flow estimate where appropriate
LAKE PALESTINE AT SH 31 NORTHEAST OF CHANDLER	10595	5	WC	FO	RT									4			4			4	
LAKE ATHENS DOWNSTREAM OF WATER TREATMENT PLANT INFLOW WEST ARM OF LAKE, .3 MI. EAST OF FM 2892	15288	5	WC	FO	RT									4			4			4	
LAKE PALESTINE AT DAM EQUIDISTANT FROM EAST AND WEST SHORELINES	16159	5	WC	FO	RT									4			4			4	
LAKE PALESTINE UPPER LAKE AT THE MOUTH OF INDIAN CREEK IN THE OLD NECHES RIVER CHANNEL	16345	5	WC	FO	RT									4			4			4	
LAKE PALESTINE AT THE CITY OF TYLER RAW WATER INTAKE STRUCTURE	16346	5	WC	FO	RT									4			4			4	
LAKE PALESTINE AT THE NORTHERN MOST CROSSING OF FM 315 APPROXIMATELY 7 MILES SOUTH OF CHANDLER	17550	5	AN	AN	RT									4			4			4	
LAKE ATHENS NEAR NORTHEAST END OF DAM APPROX. 500 M WEST OF SPILLWAY	17575	5	WC	FO	RT									4			4			4	
LAKE PALESTINE AT FLAT CREEK PUBLIC BOAT RAMP PIER 72 M N AND 100 M E OF FM 315 AT POST OAK DR APPROXIMATELY 8.5 MI S OF CHANDLER	18371	5	AN	AN	RT									4			4			4	

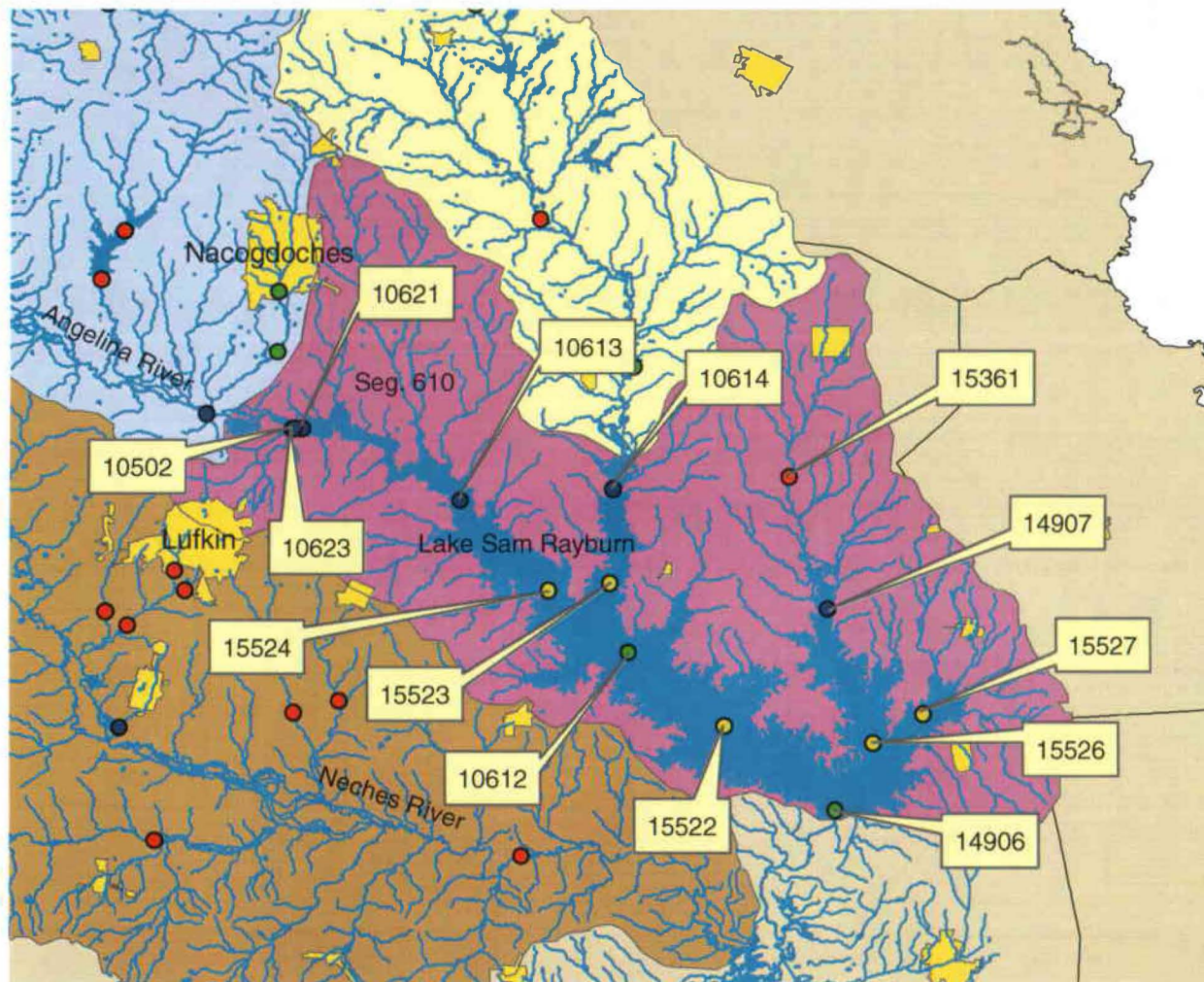
CRP SCHEDULE HOME

River Basin: 6 FY: 2006

Desc	Stat	Reg	SC 1	SC 2	Pgm Code	DO	AqHab	Benth	Nekt	Met Wat	Org Wat	Met Sed	Org Sed	Conv	Amb Tox Wat	Amb Tox Sed	Bact	Flow	Fish Tis	Fld	Comments
Segment 606																					
PRAIRIE CREEK AT SH 64 EAST OF TYLER	* 10518	5	WC	FO	TM												12	12			flow estimate where appropriate
BLACK FORK CREEK AT COUNTY ROAD UPSTREAM OF TYLER-WESTSIDE WWTP 5.0 KM UPSTREAM OF PRAIRIE CREEK	10522	5	AN	TY	RT									4			4	4		4	
NECHES RIVER AT FM 279 WEST OF TYLER AND NE OF CHANDLER	10596	5	WC	FO	RT									4			4	4		4	
NECHES RIVER AT SH 64 WEST OF TYLER	* 10597	5	WC	FO	RT									4			4	4		4	
PRAIRIE CREEK AT SH 110, 6.5 MI NORTHWEST OF TYLER AND 3.5 MI SOUTHWEST OF LINDALE	18301	5	AN	TY	RT									4			4	4		4	

* Add metals by sampling, levels of zinc
 ** Levels of zinc may have may not have been cleared

Segment 610 Monitoring Stations FY 2006



Legend

- ANRA CZR Monitoring Stations
- TCEQ Monitoring Stations
- ANRA & TCEQ Monitored Stations

- Hydrology
- Cities
- segment 604
- segment 611
- segment 610
- segment 612



0 12.5 25 50 Miles

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Created on: April 26, 2005



CRP SCHEDULE HOME

River Basin: 6 FY: 2006

Desc	Stat	Reg	SC 1	SC 2	Pgm Code	DO	AqHab	Benth	Nekt	Met Wat	Org Wat	Met Sed	Org Sed	Conv	Amb Tox Wat	Amb Tox Sed	Bact	Flow	Fish Tis	Fld	Comments
Segment 610																					
SAM RAYBURN RESERVOIR AT SH 147 BRIDGE SW OF BROADDUS AND NE OF ZAVALLA	10612	10	AN	AN	RT									9			9			9	
SAM RAYBURN RESERVOIR AT SH 147 BRIDGE SW OF BROADDUS AND NE OF ZAVALLA	10612	10	WC	FO	RT									4			4			4	
SAM RAYBURN RESERVOIR AT SH 147 BRIDGE SW OF BROADDUS AND NE OF ZAVALLA	10612	10	WC	FO	SS							4									
SAM RAYBURN RESERVOIR AT SH 103, 2.3 MI. WEST OF ETOILE	10613	10	WC	FO	RT					4				4			4			4	
SAM RAYBURN RESERVOIR AT SH 103, 2.3 MI. WEST OF ETOILE	10613	10	WC	FO	SS							4									
SAM RAYBURN RESERVOIR AT SH 103, 6.5 MI. EAST OF ETOILE	10614	10	WC	FO	DI	2															
SAM RAYBURN RESERVOIR AT SH 103, 6.5 MI. EAST OF ETOILE	10614	10	WC	FO	RT									4			4			4	
SAM RAYBURN RESERVOIR AT MAIN POOL APPROXIMATELY 0.94 KM NORTH OF THE POWER PLANT INTAKE	14906	10	AN	AN	RT									9			9			9	
SAM RAYBURN RESERVOIR AT MAIN POOL APPROXIMATELY 0.94 KM NORTH OF THE POWER PLANT INTAKE	14906	10	WC	FO	RT					4				4			4			4	
SAM RAYBURN RESERVOIR AT MAIN POOL APPROXIMATELY 0.94 KM NORTH OF THE POWER PLANT INTAKE	14906	10	WC	FO	SS							4									
SAM RAYBURN RESERVOIR AT FM 83 BRIDGE CROSSING APPROXIMATELY 14.5 KM WEST OF PINELAND	14907	10	WC	FO	RT									4			4			4	
* AYISH BAYOU AT SH 103, 0.8 KM EAST OF FM 705	15361	10	AN	AN	DI	2												2			
AYISH BAYOU AT SH 103, 0.8 KM EAST OF FM 705	15361	10	AN	AN	RT					1				4			4	4		4	
SAM RAYBURN RESERVOIR NEAR VEACH BASIN IN THE ANGELINA RIVER CHANNEL	15522	10	AN	AN	RT									9			9			9	

* e-coli monitoring

Desc	Stat	Reg	SC 1	SC 2	Pgm Code	DO	AqHab	Benth	Nekt	Met Wat	Org Wat	Met Sed	Org Sed	Conv	Amb Tox Wat	Amb Tox Sed	Bact Flow	Fish Tis	Fld	Comments
SAM RAYBURN RESERVOIR ADJACENT TO ALLIGATOR COVE IN THE ATTOYAC RIVER CHANNEL	15523	10	AN	AN	RT									9			9		9	
SAM RAYBURN RESERVOIR NEAR SHIRLEY CREEK IN THE ANGELINA RIVER CHANNEL	15524	10	AN	AN	RT									9			9		9	
SAM RAYBURN RESERVOIR BETWEEN NEEDMORE POINT AND POWELL PARK IN THE AYISH BAYOU CHANNEL	15526	10	AN	AN	RT									9			9		9	
SAM RAYBURN RESERVOIR NEAR MILL CREEK PARK IN THE BEAR CREEK CHANNEL	15527	10	AN	AN	RT									9			9		9	

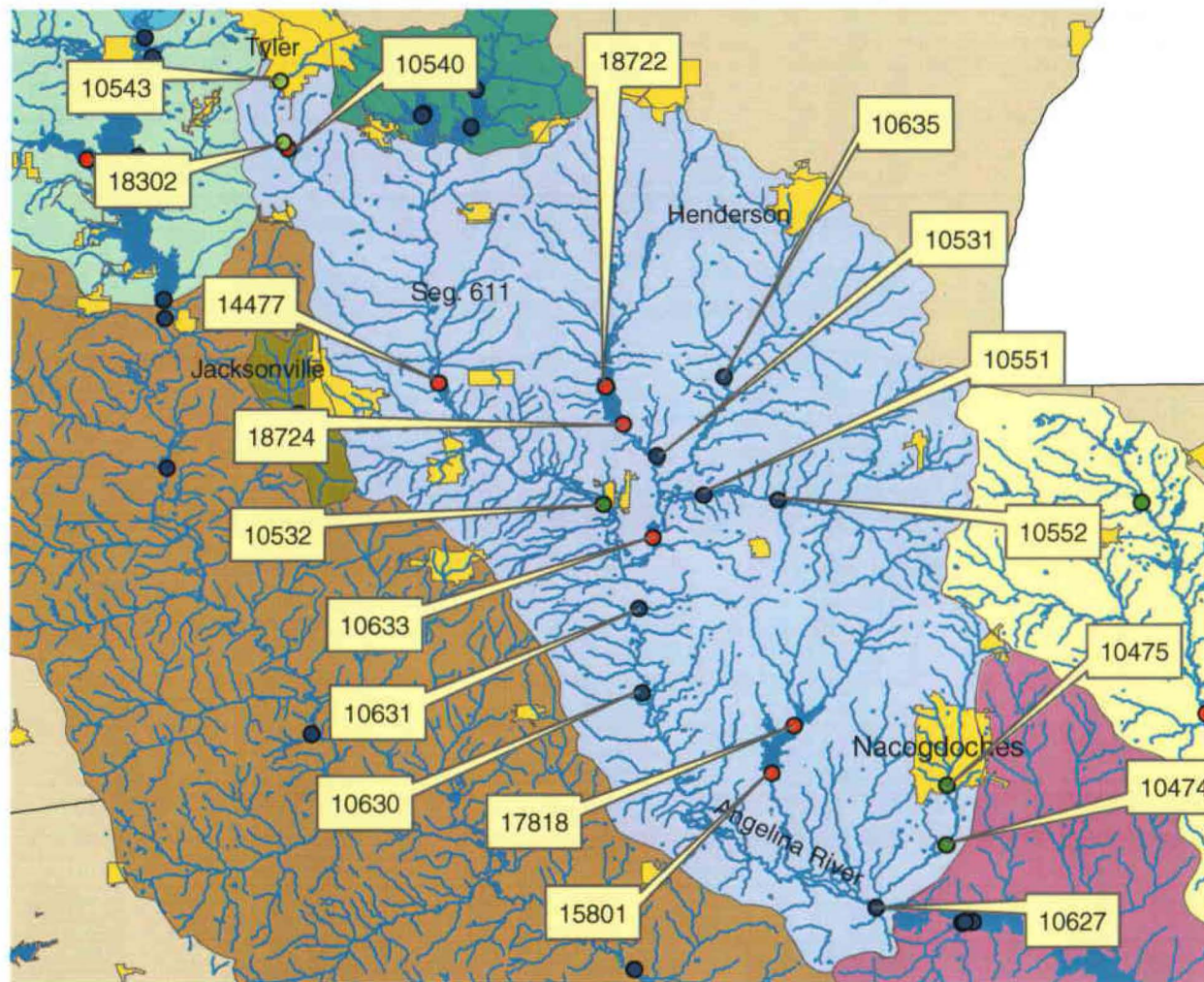
CRP SCHEDULE HOME

River Basin: 6 FY: 2006

Desc	Stat	Reg	SC 1	SC 2	Pgm Code	DO	AqHab	Benth	Nekt	Met Wat	Org Wat	Met Sed	Org Sed	Conv	Amb Tox Wat	Amb Tox Sed	Bact Flow	Fish Tis	Fld	Comments
Segment 615																				
PAPER MILL CREEK UPPER BIFURCATION CHANNEL, JUST UPSTREAM OF ANGELINA RIVER CONFLUENCE	10502	10	WC	FO	RT									4			4		4	4X color
PAPER MILL CREEK UPPER BIFURCATION CHANNEL, JUST UPSTREAM OF ANGELINA RIVER CONFLUENCE	10502	10	WC	FO	SS										1					
SAM RAYBURN RESERVOIR ANGELINA RIVER 0.7 KM DOWNSTREAM OF CONFLUENCE WITH PAPER MILL CREEK LOWER CHANNEL	10621	10	WC	FO	DI	2														
SAM RAYBURN RESERVOIR ANGELINA RIVER 0.7 KM DOWNSTREAM OF CONFLUENCE WITH PAPER MILL CREEK LOWER CHANNEL	10621	10	WC	FO	RT									4			4		4	4X color
SAM RAYBURN RESERVOIR AT CONFL OF ANGELINA RIVER, 0.75KM NW OF PAPER MILL CREEK	10623	10	WC	FO	RT									4			4		4	4X color

Fish issues
metals & water
Paper Mill (upper & lower) 1/4 sampling

Segment 611 Monitoring Stations FY 2006



Legend

- ANRA Routine Monitoring Stations
- TCEQ Monitoring Stations
- ANRA & TCEQ Monitored Stations

- Hydrology
- Cities
- segment 604
- segment 605
- segment 610
- segment 611
- segment 612
- segment 613
- segment 614



0 12.5 25 50 Miles

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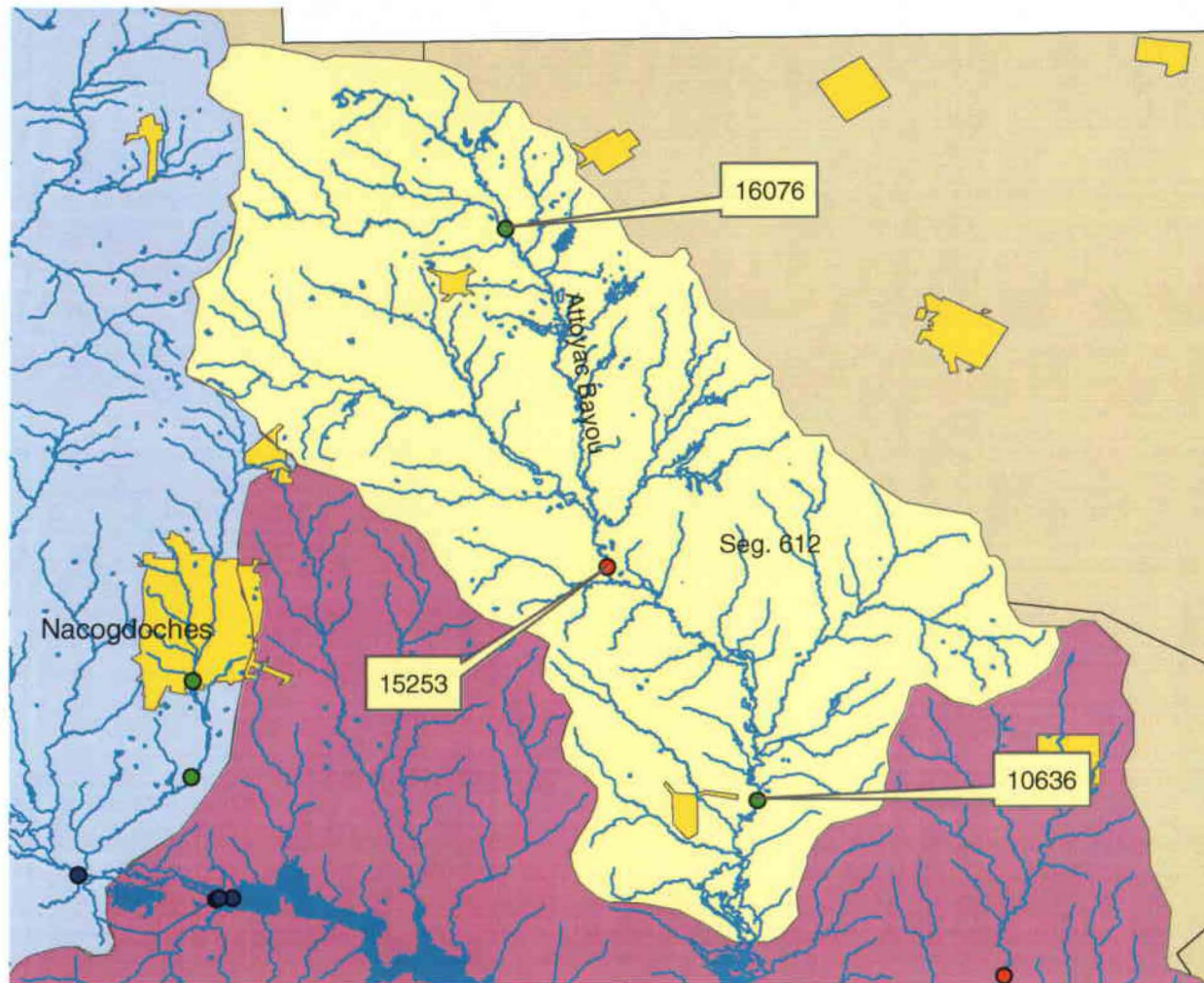
CRP SCHEDULE HOME

River Basin: 6 FY: 2006

Desc	Stat	Reg	SC 1	SC 2	Pgm Code	DO	AqHab	Benth	Nekt	Met Wat	Org Wat	Met Sed	Org Sed	Conv	Amb Tox Wat	Amb Tox Sed	Bact	Flow	Fish Tis	Fld	Comments
Segment 611																					
LA NANA BAYOU AT NACOGDOCHES CR526, 6.9 MI. SOUTH OF NACOGDOCHES BETWEEN FM 2863 AND FM 1275	10474	10	AN	AN	RT					1				4			4	4		4	
LA NANA BAYOU AT NACOGDOCHES CR526, 6.9 MI. SOUTH OF NACOGDOCHES BETWEEN FM 2863 AND FM 1275	10474	10	WC	FO	TM												12	12			(R5 TMDL sample) flow estimate where appropriate
LA NANA BAYOU AT LOOP 224 S OF NACOGDOCHES	10475	10	AN	AN	RT					1				4			4	4		4	
LA NANA BAYOU AT LOOP 224 S OF NACOGDOCHES	10475	10	WC	FO	TM												12	12			(R5 TMDL sample) flow estimate where appropriate
STRIKER CR AT COUNTY RD CROSSING NE OF REKLAW	10531	5	WC	FO	TM												12	12			(R5 TMDL sample) flow estimate where appropriate
MUD CREEK AT US 84 SW OF REKLAW	10532	5	AN	AN	RT					1				4			4	4		4	
MUD CREEK AT US 84 SW OF REKLAW	10532	5	WC	FO	TM												12	12			(R5 TMDL Sample) flow estimate where appropriate
WEST MUD CREEK AT FM 346 SOUTH OF TYLER	10540	5	AN	AN	RT					1				4			4	4		4	
WEST MUD CREEK NEAR SOUTH END OF HOLLY TREES COUNTRY CLUB IN TYLER, 1MI ABOVE TYLER SOUTHSIDE STP	10543	5	AN	TY	RT									4			4	4		4	
EAST FORK ANGELINA RIVER AT LOWERMOST COUNTY RD CROSSING, NEAR ANGELINA RIVER CONFLUENCE	10551	5	WC	FO	TM												12	12			(R5 TMDL sample) flow estimate where appropriate
EAST FORK ANGELINA RIVER AT FM 225	10552	5	WC	FO	RT									4			4	4		4	
ANGELINA RIVER BRIDGE ON US 59 NORTH OF LUFKIN	10627	10	WC	FO	RT									4			4	4		4	4X color

Desc	Stat	Reg	SC 1	SC 2	Pgm Code	DO	AqHab	Benth	Nekt	Met Wat	Org Wat	Met Sed	Org Sed	Conv	Amb Tox Wat	Amb Tox Sed	Bact Flow	Fish Tis	Fld	Comments
ANGELINA RIVER BRIDGE ON US 59 NORTH OF LUFKIN	10627	10	WC	FO	SS										1					
ANGELINA RIVER AT SH 21 EAST OF ALTO	10630	5	WC	FO	RT									4			4	4	4	
ANGELINA RIVER AT FM 343 EAST OF RUSK	10631	5	WC	FO	TM												12	12		(R5 TMDL Sample) flow estimate where appropriate
ANGELINA RIVER AT SH 204 WEST OF CUSHING	10633	10	AN	AN	DI	2											2			
ANGELINA RIVER AT SH 204 WEST OF CUSHING	10633	10	AN	AN	RT					1				4			4	4	4	
ANGELINA RIVER AT FM 1798 WEST OF LANEVILLE	10635	5	WC	FO	RT									4			4	4	4	
MUD CREEK AT US 79 BETWEEN JACKSONVILLE AND NEW SUMMERFIELD	14477	5	AN	AN	DI	2											2			
MUD CREEK AT US 79 BETWEEN JACKSONVILLE AND NEW SUMMERFIELD	14477	5	AN	AN	RT									4			4	4	4	
LAKE NACOGDOCHES IN MAIN POOL NEAR DAM, 10 MI. WEST OF NACOGDOCHES	15801	10	AN	AN	RT									4			4		4	
LAKE NACOGDOCHES UPPER LAKE, 9.0 MILES WEST OF NACOGDOCHES AND 1.5 MILES SOUTH OF SH 21	17818	10	AN	AN	RT									4			4		4	
LAKE STRIKER UPPER LAKE, 6.0 MILES EAST OF NEW SUMMERFIELD AND 7.0 MILES NORTH OF REKLAW	17822	5	AN	AN	RT									4			4		4	
LAKE STRIKER NEAR DAM, APPROX 0.8 MILES SOUTHEAST OF POWERPLANT AND 7.5 MILES SOUTHEAST OF NEW SUMMERFIELD	17824	5	AN	AN	RT									4			4		4	
WEST MUD CREEK IMMEDIATELY EAST OF US 69, 4 MI SOUTH OF TYLER AND 0.53 MI (861 M) NORTH OF FM 346	18302	5	AN	TY	RT									4			4	4	4	

Segment 612 Monitoring Stations FY 2006



Legend

- ANRA Routine Monitoring Stations
- ANRA & TCEQ Monitored Stations
- Hydrology
- Cities
- segment 610
- segment 611
- segment 612

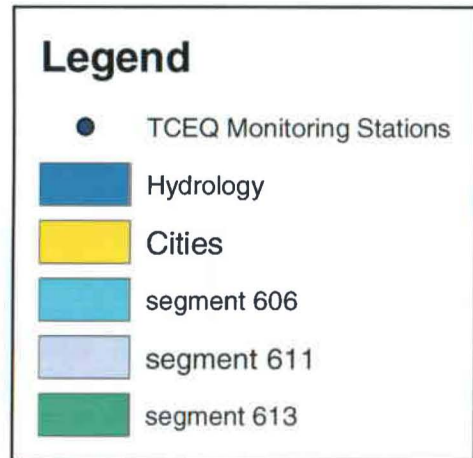
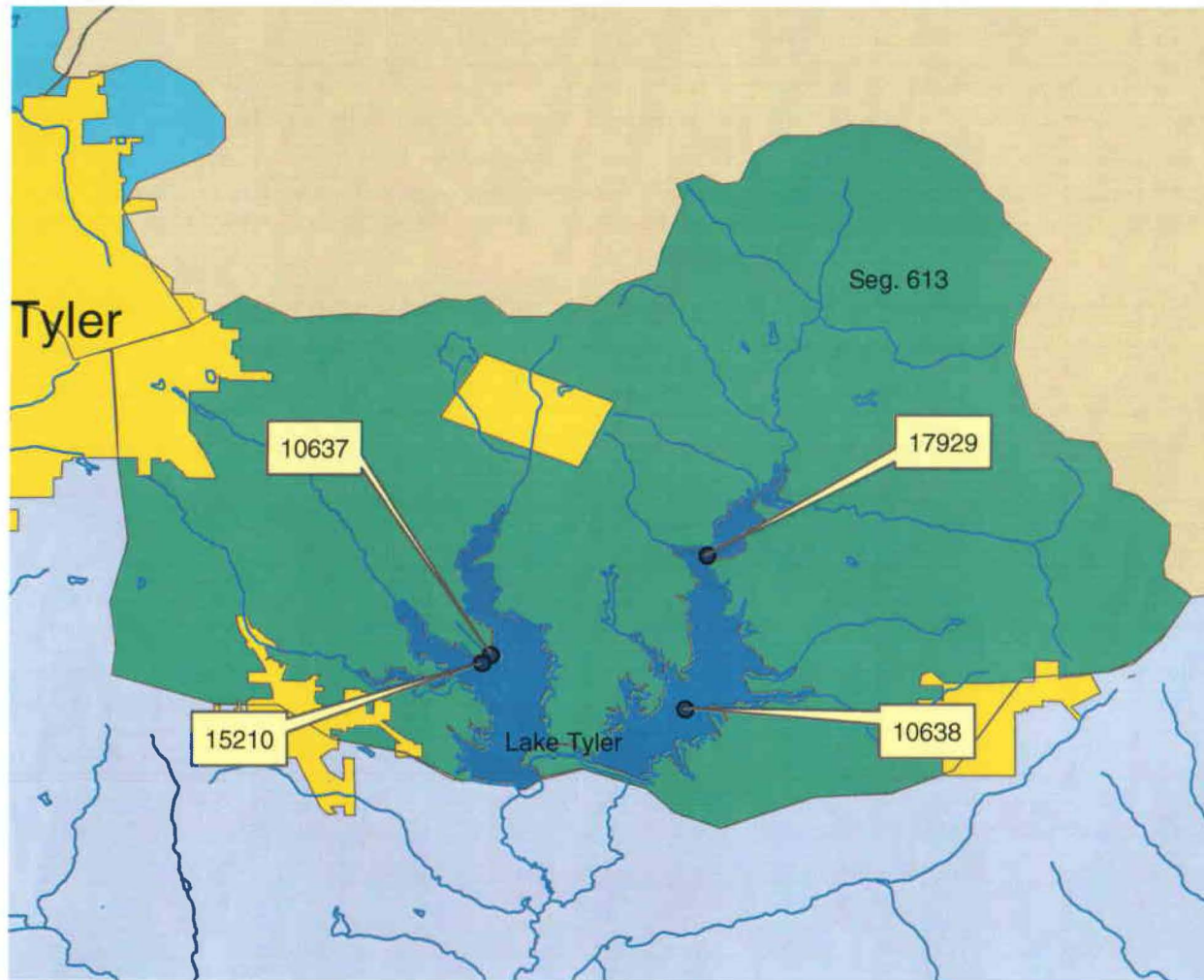


0 5 10 20 Miles

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Created on: April 26, 2005



Segment 613 Monitoring Stations FY 2006



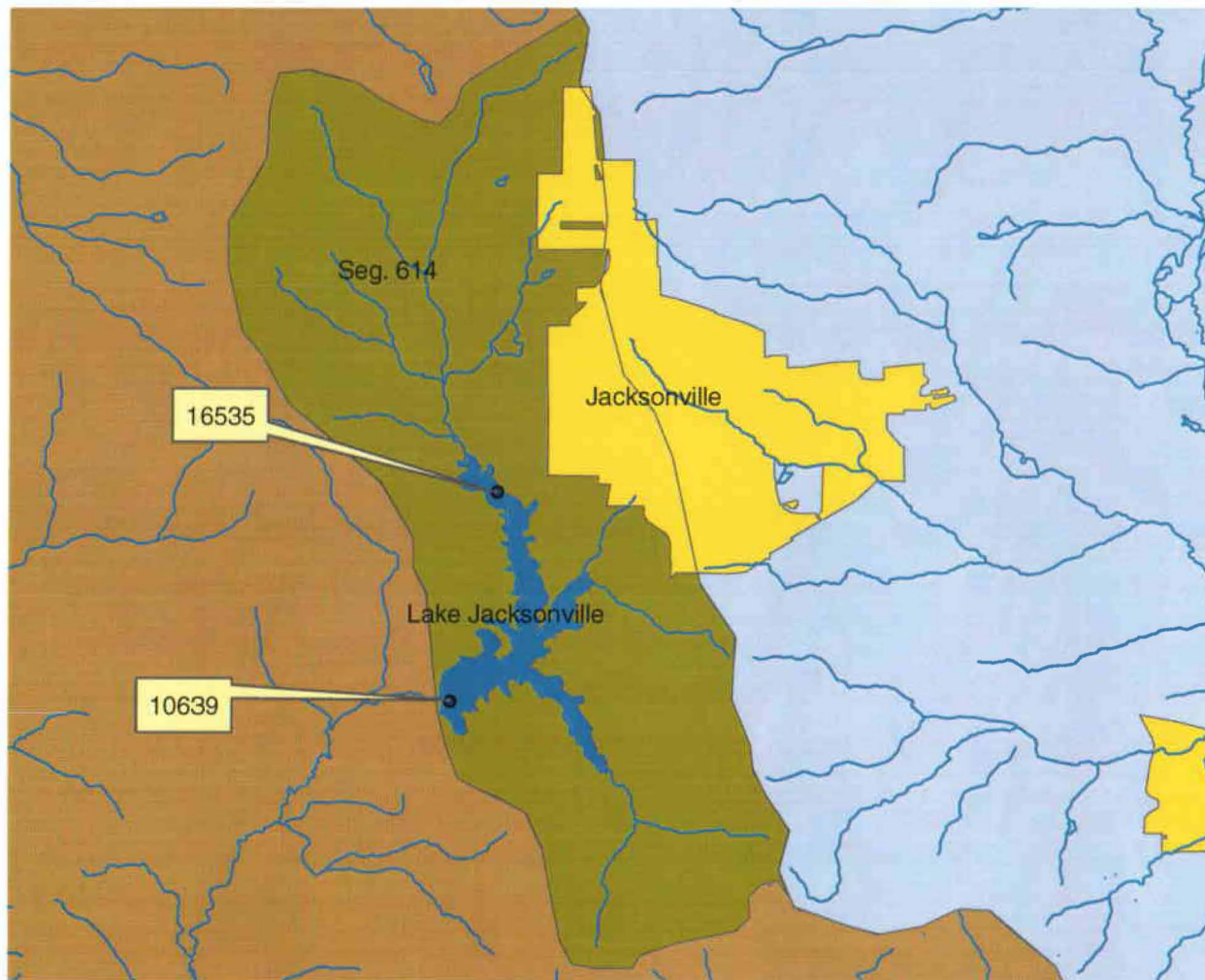
0 3 6 12 Miles

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Created on: April 26, 2005



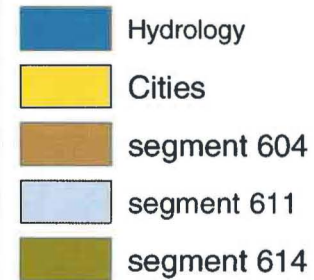
Angelina & Neches River Authority

Segment 614 Monitoring Stations FY 2006



Legend

- TCEQ Monitoring Stations



0 2.5 5 10 Miles

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Created on: April 26, 2005



CRP SCHEDULE HOME

River Basin: 6 FY: 2006

Desc	Stat	Reg	SC 1	SC 2	Pgm Code	DO	AqHab	Benth	Nekt	Met Wat	Org Wat	Met Sed	Org Sed	Conv	Amb Tox Wat	Amb Tox Sed	Bact	Flow	Fish Tis	Fld	Comments
Segment 613																					
LAKE TYLER MIDLAKE AT DAM IN SPILLWAY BAY EQUIDISTANT FROM ALL SHORELINES	10637	5	WC	FO	RT									4			4			4	
LAKE TYLER EAST MIDLAKE NEAR DAM	10638	5	WC	FO	RT									4			4			4	
LAKE TYLER AT LANGLEY ISLAND APPROXIMATELY 100 METERS WEST OF CITY OF TYLER'S WATER INTAKE STRUCTURE	15210	5	WC	FO	RT									4			4			4	
LAKE TYLER EAST, UPPER LAKE 1.90 KM SOUTHWEST OF SH 64 APPROX 140 M FROM EAST SHORE	17929	5	WC	FO	RT									4			4			4	
Segment 614																					
LAKE JACKSONVILLE APPROX 100M UPSTREAM OF DAM AND EQUIDISTANT FROM BOTH SHORELINES	10639	5	WC	FO	RT									4			4			4	
LAKE JACKSONVILLE UPPER LAKE NEAR RAW WATER INTAKE STRUCTURE	16535	5	WC	FO	RT									4			4			4	