Segment ID: 0613 **Water body name:** Lake Tyler/Lake Tyler East

Reservoir | Neches River Basin | Total size: 4,880 Acres

Aquatic Life Use

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Dissolved Oxygen grab average	No Concern	Lake Tyler East lower reservoir	1,220	14	0	
Dissolved Oxygen grab average	Not Assessed	Lake Tyler East upper reservoir	1,220	9	0	
Dissolved Oxygen grab average	No Concern	Lake Tyler lower reservoir	1,220	10	0	
Dissolved Oxygen grab average	No Concern	Lake Tyler upper reservoir	1,220	15	0	
Dissolved Oxygen grab minimum	Fully Supporting	Lake Tyler East lower reservoir	1,220	14	0	
Dissolved Oxygen grab minimum	No Concern-Limited Data	Lake Tyler East upper reservoir	1,220	9	0	
Dissolved Oxygen grab minimum	Fully Supporting	Lake Tyler lower reservoir	1,220	10	0	
Dissolved Oxygen grab minimum	Fully Supporting	Lake Tyler upper reservoir	1,220	15	0	
Dissolved Oxygen 24hr average	Not Assessed	Lake Tyler East lower reservoir	1,220	0		
Dissolved Oxygen 24hr average	Not Assessed	Lake Tyler East upper reservoir	1,220	0		
Dissolved Oxygen 24hr average	Not Assessed	Lake Tyler lower reservoir	1,220	0		
Dissolved Oxygen 24hr average	Not Assessed	Lake Tyler upper reservoir	1,220	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Lake Tyler East lower reservoir	1,220	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Lake Tyler East upper reservoir	1,220	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Lake Tyler lower reservoir	1,220	0		
Dissolved Oxygen 24hr minimum	Not Assessed	Lake Tyler upper reservoir	1,220	0		
Acute Metals in water	No Concern-Limited Data	Lake Tyler East lower reservoir	1,220	9	0	
Acute Metals in water	No Concern-Limited Data	Lake Tyler East upper reservoir	1,220	4	0	
Acute Metals in water	No Concern-Limited Data	Lake Tyler lower reservoir	1,220	4	0	
Acute Metals in water	No Concern-Limited Data	Lake Tyler upper reservoir	1,220	9	0	
Chronic Metals in water	No Concern-Limited Data	Lake Tyler East lower reservoir	1,220	9		
Chronic Metals in water	No Concern-Limited Data	Lake Tyler East upper reservoir	1,220	4		
Chronic Metals in water	No Concern-Limited Data	Lake Tyler lower reservoir	1,220	4		
Chronic Metals in water	No Concern-Limited Data	Lake Tyler upper reservoir	1,220		9	

Segment ID: 0613 **Water body name:** Lake Tyler/Lake Tyler East

Reservoir | Neches River Basin | Total size: 4,880 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Aquatic Life Use (continued)						
Overall Aquatic Life Use	Fully Supporting	Lake Tyler East lower reservoir	1,220			
Overall Aquatic Life Use	Not Assessed	Lake Tyler East upper reservoir	1,220			
Overall Aquatic Life Use	Fully Supporting	Lake Tyler lower reservoir	1,220			
Overall Aquatic Life Use	Fully Supporting	Lake Tyler upper reservoir	1,220			
Contact Recreation Use						
E. coli single sample	Not Assessed	Lake Tyler East lower reservoir	1,220	1	0	
E. coli single sample	Not Assessed	Lake Tyler East upper reservoir	1,220	1	0	
E. coli single sample	Not Assessed	Lake Tyler lower reservoir	1,220	1	0	
E. coli single sample	Not Assessed	Lake Tyler upper reservoir	1,220	1	0	
E. coli geometric mean	Not Assessed	Lake Tyler East lower reservoir	1,220	1		2
E. coli geometric mean	Not Assessed	Lake Tyler East upper reservoir	1,220	1		6
E. coli geometric mean	Not Assessed	Lake Tyler lower reservoir	1,220	1		
E. coli geometric mean	Not Assessed	Lake Tyler upper reservoir	1,220	1		2
Fecal coliform single sample	Fully Supporting	Lake Tyler East lower reservoir	1,220	14	0	
Fecal coliform single sample	No Concern-Limited Data	Lake Tyler East upper reservoir	1,220	8	0	
Fecal coliform single sample	No Concern-Limited Data	Lake Tyler lower reservoir	1,220	9	0	
Fecal coliform single sample	Fully Supporting	Lake Tyler upper reservoir	1,220	15	0	
Fecal coliform geometric mean	Fully Supporting	Lake Tyler East lower reservoir	1,220	14		1
Fecal coliform geometric mean	No Concern-Limited Data	Lake Tyler East upper reservoir	1,220	8		5
Fecal coliform geometric mean	No Concern-Limited Data	Lake Tyler lower reservoir	1,220	9		
Fecal coliform geometric mean	Fully Supporting	Lake Tyler upper reservoir	1,220	15		1
Overall Recreation Use	Fully Supporting	Lake Tyler East lower reservoir	1,220			
Overall Recreation Use	Not Assessed	Lake Tyler East upper reservoir	1,220			
Overall Recreation Use	Not Assessed	Lake Tyler lower reservoir	1,220			

Segment ID: 0613 **Water body name:** Lake Tyler/Lake Tyler East

Reservoir | Neches River Basin | Total size: 4,880 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Contact Recreation Use (continued)						
Overall Recreation Use	Fully Supporting	Lake Tyler upper reservoir	1,220			
General Use						
Water Temperature	Fully Supporting	Lake Tyler East lower reservoir	1,220	14	0	
Water Temperature	No Concern-Limited Data	Lake Tyler East upper reservoir	1,220	9	0	
Water Temperature	Fully Supporting	Lake Tyler lower reservoir	1,220	10	0	
Water Temperature	Fully Supporting	Lake Tyler upper reservoir	1,220	15	0	
pH	Fully Supporting	Lake Tyler East lower reservoir	1,220	14	0	
pH	Use Concern-Limited Data	Lake Tyler East upper reservoir	1,220	8	2	
pH	Fully Supporting	Lake Tyler lower reservoir	1,220	10	0	
pH	Use Concern	Lake Tyler upper reservoir	1,220	15	2	
Chloride	Fully Supporting	Lake Tyler East lower reservoir	1,220	52		11.3
Chloride	Fully Supporting	Lake Tyler East upper reservoir	1,220	52		11.3
Chloride	Fully Supporting	Lake Tyler lower reservoir	1,220	52		11.3
Chloride	Fully Supporting	Lake Tyler upper reservoir	1,220	52		11.3
Sulfate	Fully Supporting	Lake Tyler East lower reservoir	1,220	52		9.1
Sulfate	Fully Supporting	Lake Tyler East upper reservoir	1,220	52		9.1
Sulfate	Fully Supporting	Lake Tyler lower reservoir	1,220	52		9.1
Sulfate	Fully Supporting	Lake Tyler upper reservoir	1,220	52		9.1
Total Dissolved Solids	Fully Supporting	Lake Tyler East lower reservoir	1,220	54		71
Total Dissolved Solids	Fully Supporting	Lake Tyler East upper reservoir	1,220	54		71
Total Dissolved Solids	Fully Supporting	Lake Tyler lower reservoir	1,220	54		71
Total Dissolved Solids	Fully Supporting	Lake Tyler upper reservoir	1,220	54		71
Overall General Use	Fully Supporting	Lake Tyler East lower reservoir	1,220			

Segment ID: 0613 **Water body name:** Lake Tyler/Lake Tyler East

Reservoir | Neches River Basin | Total size: 4,880 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
General Use (continued)						
Overall General Use	Fully Supporting	Lake Tyler East upper reservoir	1,220			
Overall General Use	Fully Supporting	Lake Tyler lower reservoir	1,220			
Overall General Use	Fully Supporting	Lake Tyler upper reservoir	1,220			
Fish Consumption Use						
Human Health Criteria Metals	No Concern-Limited Data	Lake Tyler East lower reservoir	1,220	8	0	
Human Health Criteria Metals	No Concern-Limited Data	Lake Tyler East upper reservoir	1,220	4		
Human Health Criteria Metals	No Concern-Limited Data	Lake Tyler lower reservoir	1,220	4		
Human Health Criteria Metals	Fully Supporting	Lake Tyler upper reservoir	1,220	10		
Overall Fish Consumption Use	Not Assessed	Lake Tyler East lower reservoir	1,220			
Overall Fish Consumption Use	Not Assessed	Lake Tyler East upper reservoir	1,220			
Overall Fish Consumption Use	Not Assessed	Lake Tyler lower reservoir	1,220			
Overall Fish Consumption Use	Fully Supporting	Lake Tyler upper reservoir	1,220			
Public Water Supply Use						
Surface Water: Long-term average Metals	No Concern-Limited Data	Lake Tyler East lower reservoir	1,220	9		
Surface Water: Long-term average Metals	No Concern-Limited Data	Lake Tyler East upper reservoir	1,220	4		
Surface Water: Long-term average Metals	No Concern-Limited Data	Lake Tyler lower reservoir	1,220	4		
Surface Water: Long-term average Metals	No Concern-Limited Data	Lake Tyler upper reservoir	1,220	4		
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Tyler East lower reservoir	1,220	16		0.06
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Tyler East upper reservoir	1,220	10		0.07
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Tyler lower reservoir	1,220	10		0.09

Segment ID: 0613 **Water body name:** Lake Tyler/Lake Tyler East

Reservoir | Neches River Basin | Total size: 4,880 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Use (continued)						
Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Tyler upper reservoir	1,220	16		0.08
Surface Water: Running average Metals	No Concern-Limited Data	Lake Tyler East lower reservoir	1,220	9	0	
Surface Water: Running average Metals	No Concern-Limited Data	Lake Tyler East upper reservoir	1,220	4	0	
Surface Water: Running average Metals	No Concern-Limited Data	Lake Tyler lower reservoir	1,220	4	0	
Surface Water: Running average Metals	No Concern-Limited Data	Lake Tyler upper reservoir	1,220	4		
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Tyler East lower reservoir	1,220	16	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Tyler East upper reservoir	1,220	10	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Tyler lower reservoir	1,220	10	0	
Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lake Tyler upper reservoir	1,220	16	0	
Overall Public Water Supply Use	Fully Supporting	Lake Tyler East lower reservoir	1,220			
Overall Public Water Supply Use	Fully Supporting	Lake Tyler East upper reservoir	1,220			
Overall Public Water Supply Use	Fully Supporting	Lake Tyler lower reservoir	1,220			
Overall Public Water Supply Use	Fully Supporting	Lake Tyler upper reservoir	1,220			
Overall Use Support						
	Fully Supporting	Lake Tyler East lower reservoir	1,220			
	Fully Supporting	Lake Tyler East upper reservoir	1,220			
	Fully Supporting	Lake Tyler lower reservoir	1,220			
	Fully Supporting	Lake Tyler upper reservoir	1,220			
Nutrient Enrichment Concern						
Ammonia Nitrogen	No Concern	Lake Tyler East lower reservoir	1,220	16	4	
Ammonia Nitrogen	No Concern	Lake Tyler East upper reservoir	1,220	10	0	

Segment ID: 0613 **Water body name:** Lake Tyler/Lake Tyler East

Reservoir | Neches River Basin | Total size: 4,880 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Nutrient Enrichment Concern (continued)						
Ammonia Nitrogen	No Concern	Lake Tyler lower reservoir	1,220	10	0	
Ammonia Nitrogen	No Concern	Lake Tyler upper reservoir	1,220	16	1	
Nitrite + Nitrate Nitrogen	No Concern	Lake Tyler East lower reservoir	1,220	16	0	
Nitrite + Nitrate Nitrogen	No Concern	Lake Tyler East upper reservoir	1,220	10	0	
Nitrite + Nitrate Nitrogen	No Concern	Lake Tyler lower reservoir	1,220	10	0	
Nitrite + Nitrate Nitrogen	No Concern	Lake Tyler upper reservoir	1,220	16	0	
Orthophosphorus	No Concern	Lake Tyler East lower reservoir	1,220	16	0	
Orthophosphorus	No Concern	Lake Tyler East upper reservoir	1,220	10	0	
Orthophosphorus	No Concern	Lake Tyler lower reservoir	1,220	10	0	
Orthophosphorus	No Concern	Lake Tyler upper reservoir	1,220	16	0	
Total Phosphorus	No Concern	Lake Tyler East lower reservoir	1,220	16	0	
Total Phosphorus	No Concern	Lake Tyler East upper reservoir	1,220	10	0	
Total Phosphorus	No Concern	Lake Tyler lower reservoir	1,220	10	0	
Total Phosphorus	No Concern	Lake Tyler upper reservoir	1,220	16	0	
Overall Nutrient Enrichment Concerns	No Concern	Lake Tyler East lower reservoir	1,220			
Overall Nutrient Enrichment Concerns	No Concern	Lake Tyler East upper reservoir	1,220			
Overall Nutrient Enrichment Concerns	No Concern	Lake Tyler lower reservoir	1,220			
Overall Nutrient Enrichment Concerns	No Concern	Lake Tyler upper reservoir	1,220			
Algal Growth Concern						
Chlorophyll a	No Concern	Lake Tyler East lower reservoir	1,220	16	0	
Chlorophyll a	No Concern	Lake Tyler East upper reservoir	1,220	10	0	
Chlorophyll a	No Concern	Lake Tyler lower reservoir	1,220	10	0	
Chlorophyll a	No Concern	Lake Tyler upper reservoir	1,220	16	0	

Segment ID: 0613 **Water body name:** Lake Tyler/Lake Tyler East

Reservoir | Neches River Basin | Total size: 4,880 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Sediment Contaminants Concern						
PEL Metals in sediment Arsenic	Not Assessed	Lake Tyler East lower reservoir	1,220	6	6	
PEL Metals in sediment Arsenic	Not Assessed	Lake Tyler lower reservoir	1,220	2	1	
PEL Metals in sediment Arsenic	Not Assessed	Lake Tyler upper reservoir	1,220	6	5	
85% Metals in sediment Arsenic	Not Assessed	Lake Tyler East lower reservoir	1,220	6	0	
85% Metals in sediment Arsenic	Not Assessed	Lake Tyler lower reservoir	1,220	2	1	
85% Metals in sediment Arsenic	Not Assessed	Lake Tyler upper reservoir	1,220	6	3	
85% Metals in sediment Barium	Not Assessed	Lake Tyler East lower reservoir	1,220	6	2	
85% Metals in sediment Barium	Not Assessed	Lake Tyler lower reservoir	1,220	2	1	
85% Metals in sediment Barium	Not Assessed	Lake Tyler upper reservoir	1,220	6	1	
85% Metals in sediment Copper	Not Assessed	Lake Tyler upper reservoir	1,220	6	1	
85% Metals in sediment Lead	Not Assessed	Lake Tyler East lower reservoir	1,220	6	1	
85% Metals in sediment Lead	Not Assessed	Lake Tyler lower reservoir	1,220	2	1	
85% Metals in sediment Manganese	Not Assessed	Lake Tyler East lower reservoir	1,220	6	2	
85% Metals in sediment Manganese	Not Assessed	Lake Tyler lower reservoir	1,220	2	2	
85% Metals in sediment Manganese	Not Assessed	Lake Tyler upper reservoir	1,220	6	3	
85% Metals in sediment Silver	Not Assessed	Lake Tyler East lower reservoir	1,220	6	1	
85% Metals in sediment Silver	Not Assessed	Lake Tyler upper reservoir	1,220	6	1	
Overall Sediment Contaminant Concerns	Not Assessed	Lake Tyler East lower reservoir	1,220			
Overall Sediment Contaminant Concerns	No Concern	Lake Tyler East upper reservoir	1,220			
Overall Sediment Contaminant Concerns	Not Assessed	Lake Tyler lower reservoir	1,220			
Overall Sediment Contaminant Concerns	Not Assessed	Lake Tyler upper reservoir	1,220			

Segment ID: 0613 **Water body name:** Lake Tyler/Lake Tyler East

Reservoir | Neches River Basin | Total size: 4,880 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Fish Tissue Contaminants Concern						
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lake Tyler East lower reservoir	1,220			
Overall Fish Tissue Contaminant Concerns	No Concern	Lake Tyler East upper reservoir	1,220			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lake Tyler lower reservoir	1,220			
Overall Fish Tissue Contaminant Concerns	Not Assessed	Lake Tyler upper reservoir	1,220			
Public Water Supply Concern						
Finished Water: Chloride	No Concern	Lake Tyler East lower reservoir	1,220			
Finished Water: Chloride	No Concern	Lake Tyler East upper reservoir	1,220			
Finished Water: Chloride	No Concern	Lake Tyler lower reservoir	1,220			
Finished Water: Chloride	No Concern	Lake Tyler upper reservoir	1,220			
Finished Water: Sulfate	No Concern	Lake Tyler East lower reservoir	1,220			
Finished Water: Sulfate	No Concern	Lake Tyler East upper reservoir	1,220			
Finished Water: Sulfate	No Concern	Lake Tyler lower reservoir	1,220			
Finished Water: Sulfate	No Concern	Lake Tyler upper reservoir	1,220			
Finished Water: Total Dissolved Solids	No Concern	Lake Tyler East lower reservoir	1,220			
Finished Water: Total Dissolved Solids	No Concern	Lake Tyler East upper reservoir	1,220			
Finished Water: Total Dissolved Solids	No Concern	Lake Tyler lower reservoir	1,220			
Finished Water: Total Dissolved Solids	No Concern	Lake Tyler upper reservoir	1,220			
Finished Water: MTBE	No Concern	Lake Tyler East lower reservoir	1,220			
Finished Water: MTBE	No Concern	Lake Tyler East upper reservoir	1,220			
Finished Water: MTBE	No Concern	Lake Tyler lower reservoir	1,220			
Finished Water: MTBE	No Concern	Lake Tyler upper reservoir	1,220			

Segment ID: 0613 **Water body name:** Lake Tyler/Lake Tyler East

Reservoir | Neches River Basin | Total size: 4,880 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Finished Water: Perchlorate	Not Assessed	Lake Tyler East lower reservoir	1,220			
Finished Water: Perchlorate	Not Assessed	Lake Tyler East upper reservoir	1,220			
Finished Water: Perchlorate	Not Assessed	Lake Tyler lower reservoir	1,220			
Finished Water: Perchlorate	Not Assessed	Lake Tyler upper reservoir	1,220			
Finished Water: Overall	No Concern	Lake Tyler East lower reservoir	1,220			
Finished Water: Overall	No Concern	Lake Tyler East upper reservoir	1,220			
Finished Water: Overall	No Concern	Lake Tyler lower reservoir	1,220			
Finished Water: Overall	No Concern	Lake Tyler upper reservoir	1,220			
Surface Water: Chloride	No Concern	Lake Tyler East lower reservoir	1,220	52		11.3
Surface Water: Chloride	No Concern	Lake Tyler East upper reservoir	1,220	52		11.3
Surface Water: Chloride	No Concern	Lake Tyler lower reservoir	1,220	52		11.3
Surface Water: Chloride	No Concern	Lake Tyler upper reservoir	1,220	52		11.3
Surface Water: Sulfate	No Concern	Lake Tyler East lower reservoir	1,220	52		9.1
Surface Water: Sulfate	No Concern	Lake Tyler East upper reservoir	1,220	52		9.1
Surface Water: Sulfate	No Concern	Lake Tyler lower reservoir	1,220	52		9.1
Surface Water: Sulfate	No Concern	Lake Tyler upper reservoir	1,220	52		9.1
Surface Water: Total Dissolved Solids	No Concern	Lake Tyler East lower reservoir	1,220	54		71
Surface Water: Total Dissolved Solids	No Concern	Lake Tyler East upper reservoir	1,220	54		71
Surface Water: Total Dissolved Solids	No Concern	Lake Tyler lower reservoir	1,220	54		71
Surface Water: Total Dissolved Solids	No Concern	Lake Tyler upper reservoir	1,220	54		71
Surface Water: Overall	No Concern	Lake Tyler East lower reservoir	1,220			
Surface Water: Overall	No Concern	Lake Tyler East upper reservoir	1,220			
Surface Water: Overall	No Concern	Lake Tyler lower reservoir	1,220			
Surface Water: Overall	No Concern	Lake Tyler upper reservoir	1,220			

Segment ID: 0613 **Water body name:** Lake Tyler/Lake Tyler East

Reservoir | Neches River Basin | Total size: 4,880 Acres

Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
Public Water Supply Concern (continued)						
Overall Public Water Supply Concerns	No Concern	Lake Tyler East lower reservoir	1,220			
Overall Public Water Supply Concerns	No Concern	Lake Tyler East upper reservoir	1,220			
Overall Public Water Supply Concerns	No Concern	Lake Tyler lower reservoir	1,220			
Overall Public Water Supply Concerns	No Concern	Lake Tyler upper reservoir	1,220			
Narrative Criteria Concern						
Overall Narrative Criteria Concerns	No Concern	Lake Tyler East lower reservoir	1,220			
Overall Narrative Criteria Concerns	No Concern	Lake Tyler East upper reservoir	1,220			
Overall Narrative Criteria Concerns	No Concern	Lake Tyler lower reservoir	1,220			
Overall Narrative Criteria Concerns	No Concern	Lake Tyler upper reservoir	1,220			
Overall Secondary Concern						
	No Concern	Lake Tyler East lower reservoir	1,220			
	No Concern	Lake Tyler East upper reservoir	1,220			
	No Concern	Lake Tyler lower reservoir	1,220			
	No Concern	Lake Tyler upper reservoir	1,220			