

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

Report Abbreviations	Description:		
<b>SEGID:</b>	Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.		
<b>AUID:</b>	Unique Assessment Unit code; this is a portion of the segment the AUID begins with and ends with _01, _02, etc. Some AUIDs are special units ending in "SA," or oyster water AUIDs are indicated by "OW" and beach watch AUIDs are indicated by abbreviations for name of beach in AUID.		
<b>ASMT Start Date:</b>	The start date of the period of record data for this method was selected; the official 2014 period of record is from 12/1/2005 to 11/30/2012. Assessors have the option of going back 10 years (12/1/2002) to select more data, according to assessment guidance.		
<b>ASMT End Date</b>	The end date of the period of record data for this method was selected; the official 2014 period of record dates are 12/1/2005 to 11/30/2012. Assessors have the option of including more recently collected data than 12/01/2012, if available.		
<b># Assd:</b>	Number of samples assessed; some data are averaged, as with profile data, some are eliminated because criteria do not apply during certain conditions such as low flow.		
<b>Mean Assd:</b>	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.		
<b># Exceed:</b>	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).		
<b>Mean Exceed:</b>	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).		
<b>Criteria:</b>	Value that the data is compared against to determine level of support; Note: for acute metals in water, each value is compared to a calculated criteria and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.		
<b>DS Qual:</b>	<p><i>Dataset Qualifier - indicates sample sizes:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>AD</b> = Adequate Data (10 or more samples)  <b>LD</b> = Limited Data (less than 9, greater than 3)  <b>ID</b> = Inadequate Data (less than 4)  <b>JQ</b> = Level of support is based on judgment of the assessor                 </td> <td style="width: 50%; vertical-align: top;"> <b>SM</b> = This assessment method is superseded by another method  <b>TR</b> = Temporally Not Representative, used with NA  <b>SR</b> = Spatially Not Representative, used with NA  <b>OE</b> = Other information than ambient samples evaluated  <b>OS</b> = Assessment area outside state boundaries                 </td> </tr> </table>	<b>AD</b> = Adequate Data (10 or more samples) <b>LD</b> = Limited Data (less than 9, greater than 3) <b>ID</b> = Inadequate Data (less than 4) <b>JQ</b> = Level of support is based on judgment of the assessor	<b>SM</b> = This assessment method is superseded by another method <b>TR</b> = Temporally Not Representative, used with NA <b>SR</b> = Spatially Not Representative, used with NA <b>OE</b> = Other information than ambient samples evaluated <b>OS</b> = Assessment area outside state boundaries
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<b>LOS:</b>	<p><i>Level of support for this use, method, assessment parameter:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <b>FS</b> = Fully Supporting  <b>NC</b> = No Concern  <b>NA</b> = Not Assessed                 </td> <td style="width: 50%; vertical-align: top;"> <b>NS</b> = Nonsupport  <b>CS</b> = Screening Level Concern  <b>CN</b> = Use Concern                 </td> </tr> </table>	<b>FS</b> = Fully Supporting <b>NC</b> = No Concern <b>NA</b> = Not Assessed	<b>NS</b> = Nonsupport <b>CS</b> = Screening Level Concern <b>CN</b> = Use Concern
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<b>CF:</b>	Carry forward indicator check box: indicates that the Integrated level of support of CS, CN, or NS was carried forward from a previous assessment due to inadequate data for this method in this assessment.		
<b>Int LOS:</b>	Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: PI = Pending Issue		
<b>TCEQ Cause</b>	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)		
<b>Cat:</b>	<p><i>This is the assessment category assigned to this impairment. Subcategories as follows:</i></p> <p><b>Category 4:</b> Standard is not attained or nonattainment is predicted in the near future due to one or more parameters, but no TMDLs are required.</p> <p style="margin-left: 20px;"><b>4a</b> - All TMDLs have been completed and approved by EPA.  <b>4b</b> - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.  <b>4c</b> - Nonattainment of the standard for one or more parameters is shown to be caused by pollution, not by pollutants and that the water quality conditions cannot be changed by the allocation and control of pollutants through the TMDL process.</p> <p><b>Category 5:</b> Standard is not attained or nonattainment is predicted in the near future for one or more parameters.</p> <p style="margin-left: 20px;"><b>5a</b> - TMDLs are underway, scheduled, or may be scheduled for one or more parameters.  <b>5b</b> - review of the standards for one or more parameters will be conducted before a management strategy is selected, including a possible revision to the water quality standards.  <b>5c</b> - Additional data or information will be collected and/or evaluated for one or more parameters before a management strategy is selected.</p>		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**SEGID 1601 Lavaca River Tidal**

**AUID 1601\_02** From confluence of unnamed tributary NHD RC 12100101002580 upstream to confluence with Navidad River

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	165		2	3.04	4.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	165		1	2.98	3.00	AD	FS	<input type="checkbox"/>	FS		

**USE General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2005	11/30/2012	165		1	35.3	35.00	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	163		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	163		0		6.50	AD	FS	<input type="checkbox"/>	FS		

**AUID 1601\_03** From the confluence of Lavaca Bay upstream to unnamed tributary NHD RC 12100101002580

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	82		1	3.67	4.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	82		0		3.00	AD	FS	<input type="checkbox"/>	FS		

**USE General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2005	11/30/2012	83		0		35.00	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	82		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	82		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	27		3	3.54	1.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	28		0		0.46	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	28		0		0.66	AD	NC	<input type="checkbox"/>	NC		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

### SEGID 1601A Catfish Bayou

**AUID** 1601A\_01 Entire bayou

#### USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	83		0		4.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	83		0		3.00	AD	FS	<input type="checkbox"/>	FS		

#### USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	1		0		1.10	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	1		0		0.46	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	1		0		0.66	ID	NA	<input type="checkbox"/>	NA		

### SEGID 1601B Redfish Bayou

**AUID** 1601B\_01 Entire bayou

#### USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	82		0		4.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	82		0		3.00	AD	FS	<input type="checkbox"/>	FS		

### SEGID 1601C Dry Creek

**AUID** 1601C\_01 Entire water body

#### USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	4		2	2.05	3.00	LD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	4		1	1.5	2.00	LD	NC	<input type="checkbox"/>	NC		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**SEGID**    1602    Lavaca River Above Tidal

**AUID**    1602\_02    From the confluence of Beard Branch upstream to the upper end of segment at the confluence of Campbell Branch in Hallettsville.

**USE**    Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	108		0		5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	108		0		3.00	AD	FS	<input type="checkbox"/>	FS		

**USE**    Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2005	11/30/2012	49	114.65	0		126.00	AD	FS	<input type="checkbox"/>	FS		

**USE**    General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2005	11/30/2012	109		0		32.80	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	108		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	108		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2005	11/30/2012	195	411.27	0		700.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2005	11/30/2012	86	66.28	0		200.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	85	23.11	0		100.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	58		1	0.48	0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	58		4	2.16	0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	57		3	4.9	1.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	4		1	43.6	14.10	LD	NC	<input type="checkbox"/>	NC		

**USE**    Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2005	11/30/2012	4	0.48	0		4.00	LD	NC	<input type="checkbox"/>	NC		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**AUID** 1602\_02 From the confluence of Beard Branch upstream to the upper end of segment at the confluence of Campbell Branch in Hallettsville.

**USE** Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2005	11/30/2012	72	0.24	0		10.00	AD	FS	<input type="checkbox"/>	FS		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**AUID** 1602\_03 Lower portion of segment from confluence with NHD RC 12100101002463 south of Edna in Jackson County upstream to confluence with Beard Branch

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	82		0		5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	82		0		3.00	AD	FS	<input type="checkbox"/>	FS		

**USE** Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2005	11/30/2012	21	294.94	1		126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5c

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2005	11/30/2012	82		0		32.80	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	82		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	82		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	85	23.11	0		100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2005	11/30/2012	86	66.28	0		200.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2005	11/30/2012	195	411.27	0		700.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	28		0		1.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	28		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	28		0		0.69	AD	NC	<input type="checkbox"/>	NC		

**USE** Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2005	11/30/2012	4		0		4.00	LD	NC	<input type="checkbox"/>	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2005	11/30/2012	72	0.24	0		10.00	AD	FS	<input type="checkbox"/>	FS		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**SEGID 1602B Rocky Creek**

**AUID 1602B\_01** From the confluence of Lavaca River upstream to confluence of Ponton Creek

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	20		0		5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	20		0		3.00	AD	FS	<input type="checkbox"/>	FS		

**USE Recreation Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2005	11/30/2012	21	222.16	1		126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5c

**USE General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	21		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	21		3	1.42	0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	21		1	3.08	1.95	AD	NC	<input type="checkbox"/>	NC		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**SEGID 1602C Lavaca River Above Campbell Branch**

**AUID 1602C\_01** From confluence of Campbell Branch in Hallettsville upstream to the confluence of West Prong Lavaca River

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2005	11/30/2012						ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2005	11/30/2012						ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b

**USE General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2002	11/30/2012	9		0		0.69	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2002	11/30/2012	9		2	19.9	14.10	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2002	11/30/2012	9		0		0.69	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2002	11/30/2012	9		0		0.33	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2002	11/30/2012	9		0		1.95	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2002	11/30/2012	9		0		1.95	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2002	11/30/2012	9		2	19.9	14.10	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2002	11/30/2012	9		0		0.33	LD	NC	<input type="checkbox"/>	NC		



## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**AUID** **1602C\_02** From confluence of West Prong Lavaca River to the headwaters approximately 6.5 km upstream of TX Hwy 95 in the City of Moulton

**USE** **Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2005	11/30/2012						ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b

**USE** **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	2		0		1.95	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	2		0		0.33	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	2		0		0.69	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	2		1	27.5	14.10	ID	NA	<input type="checkbox"/>	NA		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**SEGID**    1603    Navidad River Tidal

**AUID**    1603\_01    Entire segment

**USE**    Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	83		1	2.95	4.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	83		1	2.95	3.00	AD	FS	<input type="checkbox"/>	FS		

**USE**    General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2005	11/30/2012	83		4	33.65	32.80	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	82		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	82		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	27		1	2.23	1.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	28		0		0.46	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	28		0		0.66	AD	NC	<input type="checkbox"/>	NC		

**USE**    Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2005	11/30/2012	27	0.34	0		10.00	AD	FS	<input type="checkbox"/>	FS		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**SEGID**    1604    Lake Texana

**AUID**    1604\_01    Navidad River arm of Lake Texana

**USE**    Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	78		4	3.68	5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	78		1	2.87	3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2005	11/30/2012	1		1	4.7	5.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2005	11/30/2012	1		0		3.00	ID	NA	<input type="checkbox"/>	NA		

**USE**    Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2005	11/30/2012	22	18.73	0		126.00	AD	FS	<input type="checkbox"/>	FS		

**USE**    General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2005	11/30/2012	81		0		33.90	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	78		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	78		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2005	11/30/2012	529	142.05	0		500.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2005	11/30/2012	166	17.18	0		100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	166	6.54	0		50.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	23		2	29.35	26.70	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	23		4	0.64	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	23		4	0.2	0.11	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	23		11	0.26	0.20	AD	CS	<input type="checkbox"/>	CS	total phosphorus	

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

<b>AUID</b>	<b>1604_01</b>	Navidad River arm of Lake Texana
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<b>USE</b>	<b>Public Water Supply Use</b>
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Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Antimony	12/1/2005	11/30/2012	10		0		6.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2005	11/30/2012	161	0.31	0		10.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nickel	12/1/2005	11/30/2012	10		0		332.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2005	11/30/2012	10		0		1.15	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2005	11/30/2012	10		0		5.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2005	11/30/2012	10		0		10.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2005	11/30/2012	10		0		2,000.00	AD	FS	<input type="checkbox"/>	FS		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**AUID** 1604\_02 East Mustang Creek arm of Lake Texana

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	96		7	4.07	5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	96		1	2.63	3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2005	11/30/2012	3		2	3.65	5.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2005	11/30/2012	3		1	2.8	3.00	ID	NA	<input type="checkbox"/>	NA		

**USE** Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2005	11/30/2012	27	6.13	0		126.00	AD	FS	<input type="checkbox"/>	FS		

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2005	11/30/2012	99		0		33.90	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	95		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	95		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2005	11/30/2012	529	142.05	0		500.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2005	11/30/2012	166	17.18	0		100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	166	6.54	0		50.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	30		0		26.70	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	30		10	1.19	0.37	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	31		6	0.21	0.11	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	31		25	0.32	0.20	AD	CS	<input type="checkbox"/>	CS	total phosphorus	

**USE** Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Antimony	12/1/2005	11/30/2012	10		0		6.00	AD	FS	<input type="checkbox"/>	FS		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

<b>AUID</b>	<b>1604_02</b>	East Mustang Creek arm of Lake Texana
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<b>USE</b>	<b>Public Water Supply Use</b>
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Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2005	11/30/2012	161	0.31	0		10.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nickel	12/1/2005	11/30/2012	10		0		332.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2005	11/30/2012	10		0		1.15	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2005	11/30/2012	10		0		5.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2005	11/30/2012	10		0		10.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2005	11/30/2012	10		0		2,000.00	AD	FS	<input type="checkbox"/>	FS		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**AUID** 1604\_03 Upstream middle portion of Lake Texana

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	90		2	4.24	5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	90		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2005	11/30/2012	1		0		5.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2005	11/30/2012	1		0		3.00	ID	NA	<input type="checkbox"/>	NA		

**USE** Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2005	11/30/2012	26	3.39	0		126.00	AD	FS	<input type="checkbox"/>	FS		

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2005	11/30/2012	93		0		33.90	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	89		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	89		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2005	11/30/2012	529	142.05	0		500.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2005	11/30/2012	166	17.18	0		100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	166	6.54	0		50.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	27		0		26.70	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	27		7	0.68	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	27		3	0.18	0.11	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	27		14	0.26	0.20	AD	CS	<input type="checkbox"/>	CS	total phosphorus	

**USE** Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Antimony	12/1/2005	11/30/2012	10		0		6.00	AD	FS	<input type="checkbox"/>	FS		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

<b>AUID</b>	<b>1604_03</b>	Upstream middle portion of Lake Texana
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<b>USE</b>	<b>Public Water Supply Use</b>
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Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2005	11/30/2012	161	0.31	0		10.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nickel	12/1/2005	11/30/2012	10		0		332.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2005	11/30/2012	10		0		1.15	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2005	11/30/2012	10		0		5.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2005	11/30/2012	10		0		10.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2005	11/30/2012	10		0		2,000.00	AD	FS	<input type="checkbox"/>	FS		



## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**AUID** 1604\_04 Downstream middle portion of Lake Texana

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	83		0		5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	83		0		3.00	AD	FS	<input type="checkbox"/>	FS		

**USE** Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2005	11/30/2012	26	3.27	0		126.00	AD	FS	<input type="checkbox"/>	FS		

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2005	11/30/2012	86		0		33.90	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	82		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	82		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2005	11/30/2012	529	142.05	0		500.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2005	11/30/2012	166	17.18	0		100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	166	6.54	0		50.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	26		7	0.6	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	26		4	0.16	0.11	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	26		9	0.25	0.20	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	26		0		26.70	AD	NC	<input type="checkbox"/>	NC		

**USE** Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Barium	12/1/2005	11/30/2012	10		0		2,000.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2005	11/30/2012	10		0		6.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2005	11/30/2012	161	0.31	0		10.00	AD	FS	<input type="checkbox"/>	FS		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

<b>AUID</b>	<b>1604_04</b>	Downstream middle portion of Lake Texana
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<b>USE</b>	<b>Public Water Supply Use</b>
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Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nickel	12/1/2005	11/30/2012	10		0		332.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2005	11/30/2012	10		0		5.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2005	11/30/2012	10		0		10.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2005	11/30/2012	10		0		1.15	AD	FS	<input type="checkbox"/>	FS		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

<b>AUID</b>	<b>1604_05</b>	Downstream portion of Lake Texana
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<b>USE</b>	Aquatic Life Use
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Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	178		0		5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	178		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2005	11/30/2012	1		0		5.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2005	11/30/2012	1		0		3.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium	12/1/2005	11/30/2012	10		0		425.43	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Aluminum	12/1/2005	11/30/2012	10		0		991.00	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium	12/1/2005	11/30/2012	10		0		6.07	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper	12/1/2005	11/30/2012	10		0		10.15	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Lead	12/1/2005	11/30/2012	10		0		43.71	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel	12/1/2005	11/30/2012	10		0		346.27	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Zinc	12/1/2005	11/30/2012	10		0		86.62	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Arsenic	12/1/2005	11/30/2012	10		0		340.00	AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel	12/1/2005	11/30/2012	10	1.39	0		32.32	AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Zinc	12/1/2005	11/30/2012	10	0.92	0		73.37	AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Lead	12/1/2005	11/30/2012	10	0.06	0		1.36	AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Chromium	12/1/2005	11/30/2012	10	0.06	0		46.77	AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2005	11/30/2012	10	2.19	0		150.00	AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2005	11/30/2012	10	0.02	0		0.17	AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper	12/1/2005	11/30/2012	10	1.83	0		5.86	AD	FS	<input type="checkbox"/>	FS		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**AUID** 1604\_05 Downstream portion of Lake Texana

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2005	11/30/2012	184		0		33.90	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	176		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	176		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2005	11/30/2012	529	142.05	0		500.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2005	11/30/2012	166	17.18	0		100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	166	6.54	0		50.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	55		16	0.64	0.37	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	55		7	0.19	0.11	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	55		14	0.25	0.20	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	55		0		26.70	AD	NC	<input type="checkbox"/>	NC		

**USE** Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Nickel	12/1/2005	11/30/2012	10	1.39	0		332.00	AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2005	11/30/2012	10	0.16	0		6.00	AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2005	11/30/2012	10	0.06	0		62.00	AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2005	11/30/2012	10	0.02	0		5.00	AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2005	11/30/2012	10	0.06	0		1.15	AD	FS	<input type="checkbox"/>	FS		

**USE** Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Arsenic	12/1/2005	11/30/2012	10	2.19	0		10.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2005	11/30/2012	10	83.50	0		2,000.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2005	11/30/2012	10	0.02	0		5.00	AD	FS	<input type="checkbox"/>	FS		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

<b>AUID</b>	<b>1604_05</b>	Downstream portion of Lake Texana
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<b>USE</b>	<b>Public Water Supply Use</b>
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Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Lead	12/1/2005	11/30/2012	10	0.06	0		1.15	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nickel	12/1/2005	11/30/2012	10	1.39	0		332.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2005	11/30/2012	161	0.31	0		10.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2005	11/30/2012	10	0.16	0		6.00	AD	FS	<input type="checkbox"/>	FS		

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**SEGID 1604A East Mustang Creek**

**AUID 1604A\_01** Entire water body

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	91		2	2.9	3.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	91		0		2.00	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium	12/1/2005	11/30/2012	3		0		4.97	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium	12/1/2005	11/30/2012	3		0		359.55	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper	12/1/2005	11/30/2012	3		1	11.2	8.36	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead	12/1/2005	11/30/2012	3		0		34.84	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel	12/1/2005	11/30/2012	3		0		291.03	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc	12/1/2005	11/30/2012	3		0		72.78	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aluminum	12/1/2005	11/30/2012	3		0		991.00	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead	12/1/2005	11/30/2012	3	0.32	0		1.36	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc	12/1/2005	11/30/2012	3	3.63	0		73.37	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel	12/1/2005	11/30/2012	3	2.07	0		32.32	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2005	11/30/2012	3	0.02	0		0.17	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium	12/1/2005	11/30/2012	3	0.16	0		46.77	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper	12/1/2005	11/30/2012	3	5.33	0		5.86	ID	NA	<input type="checkbox"/>	NA		

**USE General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	27		3	5.66	1.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	27		3	0.54	0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	27		5	0.99	0.69	AD	NC	<input type="checkbox"/>	NC		

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<b>AUID</b>	<b>1604A_01</b>	Entire water body
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<b>USE</b>	<b>Fish Consumption Use</b>
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Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2005	11/30/2012	3	0.16	0		502.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2005	11/30/2012	3	0.32	0		3.83	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel	12/1/2005	11/30/2012	3	2.07	0		1,140.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2005	11/30/2012	3	0.13	0		1,071.00	ID	NA	<input type="checkbox"/>	NA		

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**SEGID 1604B West Mustang Creek**

**AUID 1604B\_01** Entire water body

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	97		6	4.38	5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	97		1	2.4	3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2005	11/30/2012	1		1	4.3	5.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2005	11/30/2012	1		0		3.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aluminum	12/1/2005	11/30/2012	4		0		991.00	LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium	12/1/2005	11/30/2012	4		0		4.97	LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Chromium	12/1/2005	11/30/2012	4		0		359.55	LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper	12/1/2005	11/30/2012	4		0		8.36	LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead	12/1/2005	11/30/2012	4		0		34.84	LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel	12/1/2005	11/30/2012	4		0		291.03	LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc	12/1/2005	11/30/2012	4		0		72.78	LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead	12/1/2005	11/30/2012	4	0.13	0		1.36	LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel	12/1/2005	11/30/2012	4	1.65	0		32.32	LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc	12/1/2005	11/30/2012	4	2.18	0		73.37	LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2005	11/30/2012	4	0.02	0		0.17	LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper	12/1/2005	11/30/2012	4	1.93	0		5.86	LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Chromium	12/1/2005	11/30/2012	4	0.12	0		46.77	LD	NC	<input type="checkbox"/>	NC		

**USE Recreation Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2005	11/30/2012	1	98.00	0		126.00	ID	NA	<input type="checkbox"/>	NA		



## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**AUID** 1604B\_01 Entire water body

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	31		2	2.85	1.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	31		1	0.39	0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	31		0		0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	3		1	14.6	14.10	ID	NA	<input type="checkbox"/>	NA		

**USE** Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2005	11/30/2012	4	0.12	0		502.00	LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2005	11/30/2012	4	0.15	0		1,071.00	LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2005	11/30/2012	4	0.13	0		3.83	LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel	12/1/2005	11/30/2012	4	1.65	0		1,140.00	LD	NC	<input type="checkbox"/>	NC		

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**SEGID 1604C Sandy Creek**

**AUID 1604C\_01** From the confluence of Goldenrod Creek upstream to the confluence of Middle Turkey Creek

**USE Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	85		0		5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	85		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium	12/1/2005	11/30/2012	2		0		4.97	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel	12/1/2005	11/30/2012	2		0		291.03	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc	12/1/2005	11/30/2012	2		0		72.78	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead	12/1/2005	11/30/2012	2		0		34.84	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aluminum	12/1/2005	11/30/2012	2		0		991.00	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper	12/1/2005	11/30/2012	2		0		8.36	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium	12/1/2005	11/30/2012	2		0		359.55	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2005	11/30/2012	2	0.02	0		0.17	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium	12/1/2005	11/30/2012	2	0.11	0		46.77	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper	12/1/2005	11/30/2012	2	1.15	0		5.86	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead	12/1/2005	11/30/2012	2	0.16	0		1.36	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel	12/1/2005	11/30/2012	2	0.93	0		32.32	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc	12/1/2005	11/30/2012	2	2.35	0		73.37	ID	NA	<input type="checkbox"/>	NA		

**USE General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	26		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	26		0		0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	26		0		1.95	AD	NC	<input type="checkbox"/>	NC		

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**AUID** 1604C\_01 From the confluence of Goldenrod Creek upstream to the confluence of Middle Turkey Creek

**USE** Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2005	11/30/2012	2	0.16	0		3.83	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel	12/1/2005	11/30/2012	2	0.93	0		1,140.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2005	11/30/2012	2	0.12	0		1,071.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2005	11/30/2012	2	0.11	0		502.00	ID	NA	<input type="checkbox"/>	NA		

**AUID** 1604C\_02 From the confluence of Lake Texana upstream to Goldenrod Creek

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	3		0		5.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	5		0		3.00	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2005	11/30/2012	3		3	4.47	5.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2005	11/30/2012	3		0		3.00	ID	NA	<input type="checkbox"/>	NA		

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	3		0		1.95	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2005	11/30/2012	3		0		14.10	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	3		0		0.69	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	3		0		0.33	ID	NA	<input type="checkbox"/>	NA		

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**SEGID**    **1605**    **Navidad River Above Lake Texana**

**AUID**    **1605\_01**    Upper 14.5 miles of segment from confluence of Sandy Branch to confluence of East and West Navidad Rivers

**USE**    **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2005	11/30/2012	108	374.97			550.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2005	11/30/2012	53	54.32			100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	53	10.69			50.00	AD	FS	<input type="checkbox"/>	FS		

**USE**    **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2005	11/30/2012	47		0		10.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2005	11/30/2012	3		0		6.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Nickel	12/1/2005	11/30/2012	3		0		332.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2005	11/30/2012	3		0		1.15	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2005	11/30/2012	3		0		5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2005	11/30/2012	3		0		2,000.00	ID	NA	<input type="checkbox"/>	NA		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**AUID** 1605\_02 Middle 16.5 miles of segment from confluence with Sandies Creek upstream to confluence of Sandy Branch

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	27		1	4.2	5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	27		0		3.00	AD	FS	<input type="checkbox"/>	FS		

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2005	11/30/2012	27		0		32.80	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	27		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	27		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2005	11/30/2012	108	374.97	0		550.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2005	11/30/2012	53	54.32	0		100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	53	10.69	0		50.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	27		0		1.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	27		0		0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	27		0		0.33	AD	NC	<input type="checkbox"/>	NC		

**USE** Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Barium	12/1/2005	11/30/2012	3		0		2,000.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2005	11/30/2012	3		0		5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2005	11/30/2012	3		0		1.15	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Nickel	12/1/2005	11/30/2012	3		0		332.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2005	11/30/2012	47	0.24	0		10.00	AD	FS	<input type="checkbox"/>	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2005	11/30/2012	3		0		6.00	ID	NA	<input type="checkbox"/>	NA		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**AUID** 1605\_03 Lower 31 miles of segment from confluence with Lake Texana upstream to confluence of Sandies Creek

**USE** Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2005	11/30/2012	84		1	4.2	5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2005	11/30/2012	84		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium	12/1/2005	11/30/2012	3		0		11.98	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chromium	12/1/2005	11/30/2012	3		0		754.93	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper	12/1/2005	11/30/2012	3		0		19.63	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead	12/1/2005	11/30/2012	3		0		93.68	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Nickel	12/1/2005	11/30/2012	3		0		626.19	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc	12/1/2005	11/30/2012	3		0		156.78	ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aluminum	12/1/2005	11/30/2012	3		0		991.00	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead	12/1/2005	11/30/2012	3	0.06	0		3.65	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel	12/1/2005	11/30/2012	3	1.04	0		69.55	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Chromium	12/1/2005	11/30/2012	3	0.10	0		98.20	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2005	11/30/2012	3	0.02	0		0.31	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc	12/1/2005	11/30/2012	3	1.54	0		158.06	ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper	12/1/2005	11/30/2012	3	1.22	0		12.70	ID	NA	<input type="checkbox"/>	NA		

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2005	11/30/2012	85		0		32.80	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2005	11/30/2012	85		1	9.3	9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2005	11/30/2012	85		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2005	11/30/2012	108	374.97	0		550.00	AD	FS	<input type="checkbox"/>	FS		

## 2014 Texas Integrated Report: Assessment Results for Basin 16 - Lavaca River

**AUID** 1605\_03 Lower 31 miles of segment from confluence with Lake Texana upstream to confluence of Sandies Creek

**USE** General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2005	11/30/2012	53	54.32	0		100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2005	11/30/2012	53	10.69	0		50.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/1/2005	11/30/2012	26		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2005	11/30/2012	26		0		0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2005	11/30/2012	26		0		1.95	AD	NC	<input type="checkbox"/>	NC		

**USE** Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2005	11/30/2012	3	0.10	0		62.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2005	11/30/2012	3	0.06	0		1.15	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel	12/1/2005	11/30/2012	3	1.04	0		332.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2005	11/30/2012	3	0.09	0		6.00	ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2005	11/30/2012	3	0.02	0		5.00	ID	NA	<input type="checkbox"/>	NA		

**USE** Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Antimony	12/1/2005	11/30/2012	3	0.09	0		6.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2005	11/30/2012	3	227.33	0		2,000.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2005	11/30/2012	3	0.02	0		5.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2005	11/30/2012	3	0.06	0		1.15	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Nickel	12/1/2005	11/30/2012	3	1.04	0		332.00	ID	NA	<input type="checkbox"/>	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2005	11/30/2012	47	0.24	0		10.00	AD	FS	<input type="checkbox"/>	FS		