

EXHIBITS 1-4

Exhibits in Support of Evidence for Issues raised by Environmental Stewardship in comments to TCEQ regarding Gapped Bass/The Boring Company, and Corix/McKinney Roughs wastewater TPDES Permit Applications and Draft Permits

EXHIBIT 1: 2020 Texas Integrated Report - Assessment Results for Basin 14- Colorado River Basin, Segment 1428

EXHIBIT 2: 2010 Texas Water Quality Inventory - Assessment Results for Basin 14 - Colorado River Basin, Segment 1428

EXHIBIT 3: 2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008); Segment 1428

EXHIBIT 4: 2006 Texas Water Quality Inventory - Basin Assessment Data by Segment; Segment 1428

**Environmental Stewardship
Compiled February 21, 2023**

EXHIBIT 1

2020 Texas Integrated Reports - Assessment Results for Basin 14- Colorado River Basin, Segment 1428

May 12, 2020 **Report, pages 1, 183 - 198**

July 7, 2022 **Report, pages 1-2, 58-61**

Environmental Stewardship

**2020 Texas Integrated Report - Assessment
Results for Basin 14- Colorado River Basin,
Segment 1428**

May 31, 2020

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

Report Abbreviations	Description:										
SEGID:	Unique Segment identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.										
AUID:	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.										
ASMT Start Date:	The start date of the period of record data for this method was selected; the official 2020 period of record is from 12/1/2011 to 11/30/2018. Assessors have the option of going back 10 years (12/1/2008) to select more data, according to assessment guidance.										
ASMT End Date:	The end date of the period of record data for this method was selected; the official 2020 period of record dates are 12/1/2011 to 11/30/2018. Assessors have the option of including more recently collected data than 12/01/2018, if available.										
# Asst:	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 a low flow.										
Mean Asst:	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.										
# Exceed:	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).										
Mean Exceed:	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).										
Criteria:	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 criterion and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.										
DS Qual:	<p><i>Dataset Qualifier - Indicates sample sizes:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">AD = Adequate Data (10 or more samples)</td> <td style="width: 50%;">TR = Temporally Not Representative, used with NA</td> </tr> <tr> <td>LD = Limited Data (less than 9, greater than 3)</td> <td>SR = Spatially Not Representative, used with NA</td> </tr> <tr> <td>ID = Inadequate Data (less than 4)</td> <td>OE = Other information than ambient samples evaluated</td> </tr> <tr> <td>JQ = Level of support is based on judgment of the assessor</td> <td>OS = Assessment area outside state boundaries</td> </tr> <tr> <td>SM = This assessment method is superseded by another method</td> <td></td> </tr> </table>	AD = Adequate Data (10 or more samples)	TR = Temporally Not Representative, used with NA	LD = Limited Data (less than 9, greater than 3)	SR = Spatially Not Representative, used with NA	ID = Inadequate Data (less than 4)	OE = Other information than ambient samples evaluated	JQ = Level of support is based on judgment of the assessor	OS = Assessment area outside state boundaries	SM = This assessment method is superseded by another method	
AD = Adequate Data (10 or more samples)	TR = Temporally Not Representative, used with NA										
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JQ = Level of support is based on judgment of the assessor	OS = Assessment area outside state boundaries										
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LOS:	<p><i>Level of support for this use, method, assessment parameter:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">FS = Fully Supporting</td> <td style="width: 50%;">NS = Nonsupport</td> </tr> <tr> <td>NC = No Concern</td> <td>CS = Screening Level Concern</td> </tr> <tr> <td>NA = Not Assessed</td> <td>CN = Use Concern</td> </tr> </table>	FS = Fully Supporting	NS = Nonsupport	NC = No Concern	CS = Screening Level Concern	NA = Not Assessed	CN = Use Concern				
FS = Fully Supporting	NS = Nonsupport										
NC = No Concern	CS = Screening Level Concern										
NA = Not Assessed	CN = Use Concern										
CF:	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.										
Int LOS:	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										
TCEQ Cause:	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)										
Cat:	<p>Category 3: Insufficient or no data and information to determine if standard is attained</p> <p>Category 4: 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;">4a - All TMDLs have been completed and approved by EPA.</p> <p style="margin-left: 20px;">4b - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.</p> <p style="margin-left: 20px;">4c - 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>Category 5: Standard is not attained or nonattainment is predicted in the near future for one or more parameters.</p> <p style="margin-left: 20px;">5a - TMDLs are underway, scheduled, or may be scheduled for one or more parameters.</p> <p style="margin-left: 20px;">5b - 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.</p> <p style="margin-left: 20px;">5c - Additional data or information will be collected and/or evaluated for one or more parameters before a management strategy is selected.</p>										

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

SEGID: 1428

Colorado River Below Lady Bird Lake (formerly Town Lake)

AUID: 1428_01

Lower end of segment to Gilleland Creek confluence

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	39		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	39		4	5.73	AD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18								<input checked="" type="checkbox"/>	IN	Impaired fish community in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18								<input checked="" type="checkbox"/>	IN	Impaired macrobenthic community in water	

Integrated Level of Support

USE CONCERN

Inadequate Data - ID NA

*Assessed as early as 2006
Carried forward in 2006*

Not Assessed

** Not included in the July 7, 2022 Report.*

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geometric	E. coli	12/01/11 - 11/30/18	126	39	64.25	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	116	46.74	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	116	55.63	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	116	407.39	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	39		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	39		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	38		2	0.58	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	39		5	22.84	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	38		36	5.81	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	39		30	1.23	AD	CS	<input type="checkbox"/>	CS	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	39		0		AD	FS	<input type="checkbox"/>	FS		

Screening Level Concern

Assessed as early as 2006

Adequate Data

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

SEGID: 1428

Colorado River Below Lady Bird Lake (formerly Town Lake)

AUID: 1428_01

Lower end of segment to Gilleland Creek confluence

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	39		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	39		4	5.73	AD	NC	<input type="checkbox"/>	NC		
Fish community (Regional)	Fish Community	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	NA	Impaired fish community in water	
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18						ID	NA	<input checked="" type="checkbox"/>	NA	Impaired macrobenthic community in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	39	6425	0		AD	FS	<input type="checkbox"/>	FS		

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	116	46.74	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	116	55.63	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	116	407.39	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	39		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	39		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	38		2	0.58	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	39		5	22.84	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	38		36	6.81	AD	NA	<input type="checkbox"/>	NA	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	39		30	1.23	AD	NA	<input type="checkbox"/>	NA	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	39		0		AD	FS	<input type="checkbox"/>	FS		

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1428_01 Lower end of segment to Gilleland Creek confluence													
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	113	3.77	0		AD	FS	<input type="checkbox"/>	FS		

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1428_02 From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.													
Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	38		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	38		5	5.24	AD	NC	<input type="checkbox"/>	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	38	55.71	0		AD	FS	<input type="checkbox"/>	FS		
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	116	46.74	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	116	55.63	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	116	407.39	0		AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	38		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	38		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	38		2	0.57	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	38		4	26.98	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	36		32	4.91	AD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	38		22	1.02	AD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Total Phosphorus in water	
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	38		0		AD	FS	<input type="checkbox"/>	FS		
Domestic Water Supply Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	113	3.77	0		AD	FS	<input type="checkbox"/>	FS		

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1428_03 Walnut Creek to Longhorn Dam											
Aquatic Life Use											
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	4	39	1 2.80	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	6	39	6 4.52	AD	FS	<input type="checkbox"/>	FS	Depressed dissolved oxygen in water	
Recreation Use											
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	39 92.11	0	AD	FS	<input type="checkbox"/>	FS		
General Use											
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/01/11 - 11/30/18	100	116 46.74	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/01/11 - 11/30/18	100	116 55.63	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/01/11 - 11/30/18	500	116 407.39	0	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/01/11 - 11/30/18	9	39	0	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/11 - 11/30/18	6.50	39	0	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	39	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	38	1 25.90	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	39	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	39	0	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/11 - 11/30/18	35	39	0	AD	FS	<input type="checkbox"/>	FS		
Domestic Water Supply Use											
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for DWS average	Nitrate	12/01/11 - 11/30/18	10	113 3.77	0	AD	FS	<input type="checkbox"/>	FS		

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

SEGID: 1428B Walnut Creek												
AUID: 1428B_01 From the Colorado River upstream to FM 969												
Aquatic Life Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	3	0	ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	3	0	ID	NA	<input type="checkbox"/>	NA			
Recreation Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	8 35.22	0	LD	NC	<input type="checkbox"/>	NC			
General Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	8	0	LD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	8	0	LD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	8	0	LD	NC	<input type="checkbox"/>	NC			

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1428B_02 From FM 969 upstream to Old Manor Rd.													
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Bacteria Geoman	E. coli	12/01/11 - 11/30/18	126					ID	NA	NI	ON	Bacteria in water	

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1428B_03 From old Manor Road upstream to Dessau Road

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	03/23/11 - 11/30/18	3	10	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	03/23/11 - 11/30/18	5	10	0		AD	NC	<input type="checkbox"/>	NC				
Habitat <i>*</i>	Habitat	12/01/11 - 11/30/18	20				ID	SA	<input checked="" type="checkbox"/>	CR		Impaired habitat in water		

** New Method 2022*

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	9 86.75	0		LD	NC	<input type="checkbox"/>	NC				

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	12	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	12	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	12	0		AD	NC	<input type="checkbox"/>	NC				

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1428B_04 From Dessau Rd. upstream to MoPac/Loop 1

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	11	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	11	1 4.90	AD	NC	<input type="checkbox"/>	NC		
Macrobenthic community (Qualitative)	Macrobenthic Community	12/01/11 - 11/30/18				ID	NS	<input checked="" type="checkbox"/>	NS	Impaired macrobenthic community in water	

Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	11 151.13	1	LD	NS	<input type="checkbox"/>	NS	Bacteria in water	

General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	11	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	11	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	11	0	AD	NC	<input type="checkbox"/>	NC		

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUID: 1428B_05 From MoPac/Loop 1 upstream to Union Pacific Railroad tracks south of McNeil Drive

Aquatic Life Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual LOS CF	Int LOS	TCEQ Cause	Cat			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	2	19	0	AD FS <input type="checkbox"/>	FS					
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	19	0	AD NC <input type="checkbox"/>	NC					
Recreation Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual LOS CF	Int LOS	TCEQ Cause	Cat			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	20 183.72	1	AD NS <input type="checkbox"/>	NS	Bacteria in water	4a			
General Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual LOS CF	Int LOS	TCEQ Cause	Cat			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	20	0	AD NC <input type="checkbox"/>	NC					
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	20	0	AD NC <input type="checkbox"/>	NC					
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	20	0	AD NC <input type="checkbox"/>	NC					

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

SEGID: 1428C **Gilleland Creek**

AUID: 1428C_01 From the Colorado River upstream to Taylor Lane

Aquatic Life Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Disolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	40		0		AD	FS	<input type="checkbox"/>	FS		
Disolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	40		0		AD	NC	<input type="checkbox"/>	NC		
Recreation Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	40	256.81	1		AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a
General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	39		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	40		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	39		33	9.33	AD	CS	<input type="checkbox"/>	CS	Nitrate in water	
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	40		0		AD	NC	<input type="checkbox"/>	NC		

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AUID: 1428C_02 From Taylor Lane upstream to Old Highway 20

Aquatic Life Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	13	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	13	0	AD	NC	<input type="checkbox"/>	NC			
Recreation Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Bacteria Geomean	E. coli	10/27/10 - 11/30/18	126	20 73.00	0	AD	FS	<input type="checkbox"/>	FS			
General Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	13	0	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	02/16/11 - 11/30/18	14.10	10	0	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	13	13 9.99	AD	FS	<input type="checkbox"/>	FS	Nitrate in water		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	13	0	AD	NC	<input type="checkbox"/>	NC			

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AUID: 1428C_03 From Old Highway 20 to Cameron Road												
Aquatic Life Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	13	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	13	0	AD	NC	<input type="checkbox"/>	NC			
Recreation Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Bacteria Geomean	E. coli	10/27/10 - 11/30/18	126	20 198.72	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a	
General Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	13	0	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	02/16/11 - 11/30/18	14.10	10	0	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	13	13 10.18	AD	NS	<input type="checkbox"/>	NS	Nitrate in water		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	13	0	AD	NC	<input type="checkbox"/>	NC			

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AUID: 1428C_04 From Cameron Road to the spring source

Aquatic Life Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	25	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	25	0	AD	NC	<input type="checkbox"/>	NC			
Recreation Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	26 424.17	1	AD	NS	<input type="checkbox"/>	NS	Bacteria in water	4a	
General Use												
Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat	
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.33	26	1 1.25	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	14.10	27	0	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	1.95	27	26 8.50	AD	NS	<input type="checkbox"/>	NS	Nitrate in water		
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.69	26	0	AD	NC	<input type="checkbox"/>	NC			

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SEGID: 1428K **Walter E. Long Lake**

AUID: 1428K_01 Walter E. Long Lake from Decker Creek dam up to pool elevation of 555 feet msl (169 m)

2020 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River Basin

AUD: 1428K_01 Walter E. Long Lake from Decker Creek dam up to pool elevation of 555 feet msl (169 m)

Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/11 - 11/30/18	3	51	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/11 - 11/30/18	5	51	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Acenaphthene	05/19/10 - 11/30/18	88.90	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Acenaphthylene	05/19/10 - 11/30/18	128	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Aldrin	05/19/10 - 11/30/18	80	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	alpha-BHC	05/19/10 - 11/30/18	100	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Anthracene	05/19/10 - 11/30/18	845	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	05/19/10 - 11/30/18	33	10	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Benzo(a)pyrene	05/19/10 - 11/30/18	1,450	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Cadmium	05/19/10 - 11/30/18	4.98	10	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chlordane	05/19/10 - 11/30/18	17.60	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chromium	05/19/10 - 11/30/18	111	10	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chrysene	05/19/10 - 11/30/18	1,290	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	05/19/10 - 11/30/18	149	10	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Diazinon	05/19/10 - 11/30/18	7.30	5	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dibenz(a,h)anthracene	05/19/10 - 11/30/18	135	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dieldrin	05/19/10 - 11/30/18	61.80	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Endrin	05/19/10 - 11/30/18	207	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluoranthene	05/19/10 - 11/30/18	2,230	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluorene	05/19/10 - 11/30/18	536	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Iron	05/19/10 - 11/30/18	40,000	10	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	05/19/10 - 11/30/18	128	10	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Manganese	05/19/10 - 11/30/18	1,100	3	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Mercury	05/19/10 - 11/30/18	1.06	9	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Naphthalene	05/19/10 - 11/30/18	561	7	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	05/19/10 - 11/30/18	48.60	8	0		LD	NC	<input type="checkbox"/>	NC				

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AUID: 1428K_01 Walter E. Long Lake from Decker Creek dam up to pool elevation of 555 feet msl (169 m)

Aquatic Life Use														
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Toxic Substances in sediment	PCBs	05/19/10 - 11/30/18	676	7		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Pentachlorophenol (PCP)	05/19/10 - 11/30/18	1,200	7		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Phenanthrene	05/19/10 - 11/30/18	1,170	7		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Pyrene	05/19/10 - 11/30/18	1,520	7		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	05/19/10 - 11/30/18	1.70	10		0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Toxaphene	05/19/10 - 11/30/18	32	7		0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	05/19/10 - 11/30/18	459	10		0		AD	NC	<input type="checkbox"/>	NC			
Recreation Use														
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/11 - 11/30/18	126	51	2.82	0		AD	FS	<input type="checkbox"/>	FS			
General Use														
Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/11 - 11/30/18	0.11	51		3	0.23	IQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/11 - 11/30/18	26.70	51		20	33.98	IQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Nitrate	12/01/11 - 11/30/18	0.37	51		0		IQ	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/11 - 11/30/18	0.20	30		0		IQ	NA	<input type="checkbox"/>	NA			

**2020 Texas Integrated Report - Assessment
Results for Basin 14 - Colorado River Basin,
Segment 1428**

July 7, 2022
Following: 2022 Guidance for
Assessing and Reporting
Surface Water Quality in Texas

2022 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River

Explanation of Column Headings

SEGID: The unique identifier (SegID), segment name, and location of the water body. Items may be one of three types of numbers for SegID. The first type is a classified segment number (4 digits, e.g., 0218), as defined in the Texas Surface Water Quality Standards. The second type is an unclassified water body (e.g., 0218A), not defined in the Standards and associated with a classified water body because it is in the same watershed. The third type includes special Segments for Oyster Water Use (e.g., 2421OW) and Beach Watch Use (e.g., 2481CB) special areas. The segment name and description follow SegID.

AU ID: Identifies the assessment unit (AU_ID, six or seven digits, e.g., 0101A_01) and describes the location of the specific area within a classified or unclassified water body for which one or more water quality standards are not met.

Start Date: The start date of the period of record data for this method was selected; the official 2022 period of record is from 12/1/2013 to 11/30/2020. In some cases it may be necessary to extend the period of record back 10 years (12/1/2010) to select more data, according to assessment guidance.

End Date: The end date of the period of record data for this method was selected; the official 2022 period of record dates are 12/1/2013 to 11/30/2020. In some cases more recently collected data than 12/01/2020 can be included, if available.

#Data Assessed: 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 a low flow.

Mean Data Assessed: Mean of samples assessed includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.

Exceedances: Number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).

Mean Exceedances: Mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).

Criteria: Value that the data is compared to determine the level of support; Note: for acute metals in water, each value is compared to a calculated criterion and not all criteria could be reported here, only the minimum in the range of criteria calculated are included.

DS Qual: Dataset Qualifier - indicates characteristics of the methods or dataset used in the assessment:

- AD: Adequate Data (10 or more samples).
- LD: Limited Data (less than 9, greater than 3).
- ID: Inadequate Data (less than 4).
- JQ: Level of support is based on judgment of the assessor.
- SM: This assessment method is superseded by another method.
- TR: Temporally Not Representative, used with NA.
- SR: Spatially Not Representative, used with NA.
- OE: Other information than ambient samples evaluated.
- OS: Assessment area outside state boundaries.

LOS: Level of support for this use, method, assessment parameter:

- FS: Fully Supporting.
- NC: No Concern.
- NA: Not Assessed.
- NS: Nonsupport.
- CS: Screening Level Concern.
- CN: Use Concern.

CF: Carry Forward 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.

2022 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River

Int LOS: 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

TCEQ Cause: This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.).

Cat:

Category 3: There is insufficient or unreliable available data and/or information to make a use support determination.

Category 4: Available data and/or information indicate that at least one designated use is not being supported or is threatened, but a TMDL is not needed.

Category 4a: A state-developed TMDL has been approved by EPA or a TMDL has been established by EPA for any water-pollutant combination.

Category 4b: Other required control measures are expected to result in the attainment of an applicable water quality standard in a reasonable period of time.

Category 4c: The impairment or threat is not caused by a pollutant.

Category 5: Available data and/or information indicate that at least one designated use is not being supported or is threatened, and a TMDL is needed.

Category 5a: A TMDL is underway, scheduled, or will be scheduled.

Category 5b: A review of the standards for the water body will be conducted before a management strategy is selected.

Category 5c: Additional data and information will be collected or evaluated before a management strategy is selected.

Category 5n: Water body does not meet its applicable CH1 a criterion, but additional study is needed to verify whether exceedance is associated with causal nutrient parameters or impacts to response variables.

2022 Texas Integrated Report - Assessment Results for Basin 14 - Colorado River

Seg ID: 1428 - Colorado River Below Lady Bird Lake (formerly Town Lake)															
AU ID: 1428_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedance	DS Qualifier	LOS	CF	Int. LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	4	38		0		AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	6	38		3	5.5	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	113	3.49	0		AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	116	397.33	0		AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	116	52.12	0		AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	116	42.91	0		AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	38		0		AD	FS	N	FS		
		Low pH	pH	12/01/13	11/30/20	6.8	38		0		AD	FS	N	FS	
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	38		20	1.09	AD	CS	N	CS	Total Phosphorus in water	
		Nitrate	12/01/13	11/30/20	1.95	38		30	4.94	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	38		4	26.98	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	38		5	0.41	AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	35	38		0		AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	38	56.53	0		AD	FS	N	FS		

Seg ID: 1428 - Colorado River Below Lady Bird Lake (formerly Town Lake)															
AU ID: 1428_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedance	DS Qualifier	LOS	CF	Int. LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	4	39		0		AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	6	39		4	4.93	AD	NC	N	NC		
Domestic Water Supply Use	Surface Water HH criteria for PWS average	Nitrate	12/01/13	11/30/20	10	113	3.49	0		AD	FS	N	FS		
General Use	Dissolved Solids	Total dissolved solids	12/01/13	11/30/20	500	116	397.33	0		AD	FS	N	FS		
		Sulfate	12/01/13	11/30/20	100	116	52.12	0		AD	FS	N	FS		
		Chloride	12/01/13	11/30/20	100	116	42.91	0		AD	FS	N	FS		
	High pH	pH	12/01/13	11/30/20	9	39		0		AD	FS	N	FS		
		Low pH	pH	12/01/13	11/30/20	6.5	39		0		AD	FS	N	FS	
	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	38		0		AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	39		0		AD	NC	N	NC		
		Chlorophyll-a	12/01/13	11/30/20	14.1	38		1	26.9	AD	NC	N	NC		
Ammonia		12/01/13	11/30/20	0.33	39		0		AD	NC	N	NC			
Water Temperature	Water temperature	12/01/13	11/30/20	35	39		0		AD	FS	N	FS			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	39	88.66	0		AD	FS	N	FS		

Seg ID: 1428B - Walnut Creek															
AU ID: 1428B_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedance	DS Qualifier	LOS	CF	Int. LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	4		0		LD	NC	N	NC		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	6	4		0		LD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	8		0		LD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	8		1	2.08	LD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	8		0		LD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	8	47.8	0		LD	NC	N	NC		

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Seg ID: 1428B - Walnut Creek AU ID: 1428B_02																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	0		0		ID	NA	Y	CN	Bacteria in water		

Seg ID: 1428B - Walnut Creek AU ID: 1428B_03																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	11		0		AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	6	11		1	4.4	AD	NC	N	NC			
	Habitat	Habitat	12/01/13	11/30/20		0				ID	NA	Y	CS	Impaired habitat in water		
* New Method 2022																
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	12		0		AD	NC	N	NC			
		Nitrate	12/01/13	11/30/20	1.95	12		1	2.48	AD	NC	N	NC			
		Ammonia	12/01/13	11/30/20	0.33	12		0		AD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	10	87.5	0		LD	NC	N	NC			

Seg ID: 1428B - Walnut Creek AU ID: 1428B_04																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	11		0		AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	11		1	4.9	AD	NC	N	NC			
	Macrobenthic community (Qualitative)	Macrobenthic community	12/01/13	11/30/20		0				ID	NA	Y	CN	Impaired macrobenthic community in water		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	11		0		AD	NC	N	NC			
		Nitrate	12/01/13	11/30/20	1.95	11		1	2.52	AD	NC	N	NC			
		Ammonia	12/01/13	11/30/20	0.33	11		0		AD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	10	122.63	0		LD	NC	Y	CN	Bacteria in water		

Seg ID: 1428B - Walnut Creek AU ID: 1428B_05																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	2	20		0		AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	3	20		0		AD	NC	N	NC			
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	21		0		AD	NC	N	NC			
		Nitrate	12/01/13	11/30/20	1.95	21		0		AD	NC	N	NC			
		Ammonia	12/01/13	11/30/20	0.33	21		0		AD	NC	N	NC			
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	21	129.66	1		AD	NS	N	NS	Bacteria in water	4a	

Seg ID: 1428C - Gillesland Creek AU ID: 1428C_01																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedances	Mean Exceedances	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	40		0		AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	40		0		AD	NC	N	NC			

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Seg ID: 1428C - Gilleland Creek AU ID: 1428C_01															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedences	Mean Exceedences	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	40	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	39	.	32	7.71	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	40	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	40	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	40	247.78	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1428C - Gilleland Creek AU ID: 1428C_02															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedences	Mean Exceedences	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	13	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	13	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	12	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	12	.	12	8.69	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/13	11/30/20	0.33	12	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	12	84.18	0	.	LD	NC	N	NC		

Seg ID: 1428C - Gilleland Creek AU ID: 1428C_03															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedences	Mean Exceedences	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	13	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	13	.	0	.	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	12	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	12	.	12	8.12	AD	CS	N	CS	Nitrate in water	
		Ammonia	12/01/13	11/30/20	0.33	12	.	0	.	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	06/01/11	11/30/20	126	20	201.95	1	.	AD	NS	N	NS	Bacteria in water	4a

Seg ID: 1428C - Gilleland Creek AU ID: 1428C_04															
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedences	Mean Exceedences	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	22	.	0	.	AD	FS	N	FS		
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	22	.	1	4.4	AD	NC	N	NC		
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.69	24	.	0	.	AD	NC	N	NC		
		Nitrate	12/01/13	11/30/20	1.95	23	.	21	7.07	AD	CS	N	CS	Nitrate in water	
		Chlorophyll-a	12/01/13	11/30/20	14.1	22	.	0	.	AD	NC	N	NC		
		Ammonia	12/01/13	11/30/20	0.33	23	.	1	1.25	AD	NC	N	NC		
Recreation Use	Bacteria Geomean	E. coli	12/01/13	11/30/20	126	23	421.1	1	.	AD	NS	N	NS	Bacteria in water	4a

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Seg ID: 1428K - Walter E. Long Lake AU ID: 1428K_01																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedences	Mean Exceedences	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	48	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	48	.	0	.	AD	NC	N	NC			
	Toxic Substances in sediment	Zinc		12/01/13	11/30/20	459	6	.	0	.	LD	NC	N	NC		
		Toxaphene		12/01/13	11/30/20	32	6	.	0	.	LD	NC	N	NC		
		Pyrene		12/01/13	11/30/20	1520	6	.	0	.	LD	NC	N	NC		
		Phenanthrene		12/01/13	11/30/20	1170	6	.	0	.	LD	NC	N	NC		
		Pentachlorophenol (PCP)		12/01/13	11/30/20	1200	6	.	0	.	LD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	5	.	0	.	LD	NC	N	NC		
		Naphthalene		12/01/13	11/30/20	661	6	.	0	.	LD	NC	N	NC		
		Lead		12/01/13	11/30/20	128	6	.	0	.	LD	NC	N	NC		
		Iron		12/01/13	11/30/20	40000	6	.	0	.	LD	NC	N	NC		
		Fluorene		12/01/13	11/30/20	536	6	.	0	.	LD	NC	N	NC		
		Fluoranthene		12/01/13	11/30/20	2230	6	.	0	.	LD	NC	N	NC		
		Endrin		12/01/13	11/30/20	207	6	.	0	.	LD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	6	.	0	.	LD	NC	N	NC		
		Dieldrin		12/01/13	11/30/20	61.8	6	.	0	.	LD	NC	N	NC		
		PCBs		12/01/13	11/30/20	678	6	.	0	.	LD	NC	N	NC		
		Dibenz(a,h)anthracene		12/01/13	11/30/20	135	6	.	0	.	LD	NC	N	NC		
		Diazinon		12/01/13	11/30/20	7.3	4	.	0	.	LD	NC	N	NC		
		Silver		12/01/13	11/30/20	1.7	6	.	0	.	LD	NC	N	NC		
		Copper		12/01/13	11/30/20	149	6	.	0	.	LD	NC	N	NC		
		Chrysene		12/01/13	11/30/20	1290	6	.	0	.	LD	NC	N	NC		
		Chromium		12/01/13	11/30/20	111	6	.	0	.	LD	NC	N	NC		
		Chordane		12/01/13	11/30/20	17.5	6	.	0	.	LD	NC	N	NC		
		Cadmium		12/01/13	11/30/20	4.98	6	.	0	.	LD	NC	N	NC		
		Benzo(a)pyrene		12/01/13	11/30/20	1450	6	.	0	.	LD	NC	N	NC		
		Arsenic		12/01/13	11/30/20	33	6	.	0	.	LD	NC	N	NC		
Anthracene		12/01/13	11/30/20	845	6	.	0	.	LD	NC	N	NC				
alpha-BHC		12/01/13	11/30/20	100	6	.	0	.	LD	NC	N	NC				
Aldrin		12/01/13	11/30/20	80	6	.	0	.	LD	NC	N	NC				
Acanaphthylene		12/01/13	11/30/20	128	6	.	0	.	LD	NC	N	NC				
Acenaphthene		12/01/13	11/30/20	86.9	6	.	0	.	LD	NC	N	NC				
General Use	Nutrient Screening Levels	Total phosphorus	12/01/13	11/30/20	0.2	41	.	0	.	JQ	NA	N	NA			
		Nitrate	12/01/13	11/30/20	0.37	45	.	0	.	JQ	NA	N	NA			
		Chlorophyll-a	12/01/13	11/30/20	26.7	45	.	14	41.35	JQ	NA	N	NA			
		Ammonia	12/01/13	11/30/20	0.11	45	.	4	0.21	JQ	NA	N	NA			
Recreation Use	Bacteria Geormean	E. coli	12/01/13	11/30/20	126	45	3.09	0	.	AD	FS	N	FS			

Seg ID: 1429 - Lady Bird Lake (formerly Town Lake) AU ID: 1429_01																
Use	Method	Parameter	Start Date	End Date	Criteria	#Data Assessed	Mean Data Assessed	#Exceedences	Mean Exceedences	DS Qualifier	LOS	CF	Int LOS	TCEQ Cause	Cat	
Aquatic Life Use	Dissolved Oxygen grab minimum	Dissolved oxygen Grab	12/01/13	11/30/20	3	60	.	0	.	AD	FS	N	FS			
	Dissolved Oxygen grab screening level	Dissolved oxygen Grab	12/01/13	11/30/20	5	60	.	0	.	AD	NC	N	NC			
	Toxic Substances in sediment	Zinc		12/01/13	11/30/20	459	7	.	0	.	LD	NC	N	NC		
		Toxaphene		12/01/13	11/30/20	32	7	.	0	.	LD	NC	N	NC		
		Silver		12/01/13	11/30/20	1.7	7	.	0	.	LD	NC	N	NC		
		Pyrene		12/01/13	11/30/20	1520	7	.	0	.	LD	NC	N	NC		
		Phenanthrene		12/01/13	11/30/20	1170	7	.	0	.	LD	NC	N	NC		
		Pentachlorophenol (PCP)		12/01/13	11/30/20	1200	6	.	0	.	LD	NC	N	NC		
		Nickel		12/01/13	11/30/20	48.6	4	.	0	.	LD	NC	N	NC		
		Mercury		12/01/13	11/30/20	1.06	7	.	0	.	LD	NC	N	NC		
		Lead		12/01/13	11/30/20	128	7	.	0	.	LD	NC	N	NC		

EXHIBIT 2

**2010 Texas Water Quality Inventory -
Assessment Results for Basin 14 - Colorado
River Basin, Segment 1428
pages 1, 280 - 297**

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

Report Abbreviations:	Description:									
SEGUID:	Unique Segment Identification alpha-numeric code; can be stream, reservoir, estuary, oyster waters, beach watch, etc.									
AUID:	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.									
ASMT Start Date:	The start date of the period of record data for this method was selected; the official 2010 period of record is from 12/1/2001 to 11/30/2008. Assessors have the option of going back 10 years (12/1/1998) to select more data, according to assessment guidance.									
ASMT End Date:	The end date of the period of record data for this method was selected; the official 2010 period of record dates are 12/1/2001 to 11/30/2008. Assessors have the option of including more recently collected data than 12/01/2008, if available.									
# Ass'd	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.									
Mean ass'd:	Mean of samples assessed; includes averaged methods like chronic criteria as well as geometric mean calculations for bacteria.									
# exceed:	The number of samples that exceed criteria for single sample, or binomial, methods (not averaged data).									
Mean exceed:	This is the mean of the samples that exceeded criteria for the single sample, or binomial, methods (not averaged data).									
Criteria:	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.									
DS Qual:	Dataset Qualifier - indicates sample sizes:									
	<table border="0" style="width: 100%;"> <tr> <td>II = Inadequate Data (less than 4)</td> <td>LD = Limited Data (less than 9, greater than 3)</td> <td>AD = Adequate Data (10 or more samples)</td> </tr> <tr> <td>JQ = Level of support is based on judgment of the assessor</td> <td>SR = Spatially Not Representative, used with NA</td> <td>TR = Temporally Not Representative, used with NA</td> </tr> <tr> <td>SM = This assessment method is superseded by another method</td> <td>OE = Other information than ambient samples evaluated, generally information is provided by outside entity</td> <td></td> </tr> </table>	II = Inadequate Data (less than 4)	LD = Limited Data (less than 9, greater than 3)	AD = Adequate Data (10 or more samples)	JQ = Level of support is based on judgment of the assessor	SR = Spatially Not Representative, used with NA	TR = Temporally Not Representative, used with NA	SM = This assessment method is superseded by another method	OE = Other information than ambient samples evaluated, generally information is provided by outside entity	
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Level of support for this use, method, assessment parameter:										
<table border="0" style="width: 100%;"> <tr> <td>FS = Fully Supporting</td> <td>NC = No Concern</td> <td>CN = Use Concern</td> </tr> <tr> <td>CS = Screening Level Concern</td> <td>NS = Nonsupport</td> <td></td> </tr> </table>	FS = Fully Supporting	NC = No Concern	CN = Use Concern	CS = Screening Level Concern	NS = Nonsupport					
FS = Fully Supporting	NC = No Concern	CN = Use Concern								
CS = Screening Level Concern	NS = Nonsupport									
CF:	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.									
Int LOS:	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									
TCEQ Cause:	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)									
Cat:	This is the assessment category assigned to this impairment. Subcategories as follows:									
	Category 4: Standard is not supported or is threatened for one or more designated uses but does not require the development of a TMDL.									
	<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">4a - TMDL has been completed and approved by EPA. Category.</td> <td style="width: 33%;">4b - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.</td> <td style="width: 33%;">4c - Nonsupport of the water quality standard is not caused by a pollutant.</td> </tr> </table>	4a - TMDL has been completed and approved by EPA. Category.	4b - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.	4c - Nonsupport of the water quality standard is not caused by a pollutant.						
	4a - TMDL has been completed and approved by EPA. Category.	4b - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.	4c - Nonsupport of the water quality standard is not caused by a pollutant.							
<table border="0" style="width: 100%;"> <tr> <td colspan="3">Category 5: The water body does not meet applicable water quality standards or is threatened for one or more designated uses by one or more pollutants.</td> </tr> <tr> <td style="width: 33%;">5a - A TMDL is underway, scheduled, or will be scheduled.</td> <td style="width: 33%;">5b - A review of the water quality standards for this water body will be conducted before a TMDL is scheduled.</td> <td style="width: 33%;">5c - Additional data and information will be collected before a TMDL is scheduled.</td> </tr> </table>	Category 5: The water body does not meet applicable water quality standards or is threatened for one or more designated uses by one or more pollutants.			5a - A TMDL is underway, scheduled, or will be scheduled.	5b - A review of the water quality standards for this water body will be conducted before a TMDL is scheduled.	5c - Additional data and information will be collected before a TMDL is scheduled.				
Category 5: The water body does not meet applicable water quality standards or is threatened for one or more designated uses by one or more pollutants.										
5a - A TMDL is underway, scheduled, or will be scheduled.	5b - A review of the water quality standards for this water body will be conducted before a TMDL is scheduled.	5c - Additional data and information will be collected before a TMDL is scheduled.								

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

Segment New in 2010? No	SEGID 1428 Colorado River Below Town Lake
AUID 1428 01	Lower end of segment to Gilleland Creek confluence

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	12/1/2001	11/30/2008	42		1	5.7	6.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	42		0		4.00	AD	FS	<input type="checkbox"/>	FS		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		4.99	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Toxaphene	12/1/2001	11/30/2008	2		0		32.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	3		0		48.60	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	PCBs	12/1/2001	11/30/2008	2		0		676.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	3		0		2.20	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	3		0		459.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	beta-BHC	12/1/2001	11/30/2008	2		0		210.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Endrin	12/1/2001	11/30/2008	2		0		207.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	3		0		459.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	alpha-BHC	12/1/2001	11/30/2008	2		0		100.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Heptachlor epoxide	12/1/2001	11/30/2008	1		0		16.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	2		0		61.80	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	3		0		149.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	3		0		111.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	3		0		4.98	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	3		0		33.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Aldrin	12/1/2001	11/30/2008	2		0		80.00	ID	NA	<input type="checkbox"/>	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUID 1428 01 Lower end of segment to Gilleland Creek confluence

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
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	3		0		128.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Manganese	12/1/2001	11/30/2008	3		0		1,100.00	ID	NA	<input type="checkbox"/>	NA		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008						ID	NA	<input checked="" type="checkbox"/>	CS	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2001	11/30/2008						ID	NA	<input checked="" type="checkbox"/>	CS	impaired fish community	

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 Single Sample	E. coli	12/1/2001	11/30/2008	41		2	1905	394.00	AD	PS	<input type="checkbox"/>	PS		
Bacteria Geometric	E. coli	12/1/2001	11/30/2008	41	61.30			126.00	AD	PS	<input type="checkbox"/>	PS		

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	12/1/2001	11/30/2008	42		0		35.00	AD	PS	<input type="checkbox"/>	PS		
High pH	pH	12/1/2001	11/30/2008	42		0		9.00	AD	PS	<input type="checkbox"/>	PS		
Low pH	pH	12/1/2001	11/30/2008	42		0		6.50	AD	PS	<input type="checkbox"/>	PS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	161	298.10			500.00	AD	PS	<input type="checkbox"/>	PS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	123	34.92			100.00	AD	PS	<input type="checkbox"/>	PS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	123	29.56			100.00	AD	PS	<input type="checkbox"/>	PS		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	41		15	0.94	0.69	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	40		1	18.3	14.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	41		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	41		24	0.77	0.37	AD	CS	<input type="checkbox"/>	CS	orthophosphorus	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	40		23	4.13	1.95	AD	CS	<input type="checkbox"/>	CS	nitrate	

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUID		Lower end of segment to Gilleland Creek confluence													
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	
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2001	11/30/2008	12		0		0.53	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	BHC-alpha isomer	12/1/2001	11/30/2008	12		0		0.37	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	DDT	12/1/2001	11/30/2008	12		0		5.28	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2001	11/30/2008	12		0		0.83	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	beta-BHC	12/1/2001	11/30/2008	12		0		1.28	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	12		0		0.13	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	DDE	12/1/2001	11/30/2008	12		0		5.45	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2001	11/30/2008	12		0		0.20	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	12		0		0.06	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	DDD	12/1/2001	11/30/2008	12		0		9.61	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	Copper	12/1/2001	11/30/2008	12		0		250.00	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2001	11/30/2008	12		0		5.25	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2001	11/30/2008	12		0		0.14	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/2001	11/30/2008	12		0		0.30	AD	NC	<input type="checkbox"/>	NC			
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	12		0		0.25	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 RH criteria for PWS average	Nitrate	12/1/2001	11/30/2008	40	2.88			10,000.00	AD	FS	<input type="checkbox"/>	FS			

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUID 1428_02 From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CP	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	42		0		6.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	42		0		4.00	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	CP	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	40		1	6056.67	394.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Geococci	E. coli	12/1/2001	11/30/2008	40	54.71			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	CP	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	42		0		35.00	AD	FS	<input type="checkbox"/>	FS		
High pH	pH	12/1/2001	11/30/2008	42		0		9.00	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/1/2001	11/30/2008	42		0		6.50	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	161	298.10			500.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	123	34.92			100.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	123	29.56			100.00	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	41		6	1.03	0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophylla	12/1/2001	11/30/2008	39		1	14.7	14.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	40		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	41		11	0.82	0.37	AD	FS	<input type="checkbox"/>	FS	orthophosphorus	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	40		11	4.15	1.95	AD	FS	<input type="checkbox"/>	FS	nitrate	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CP	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	12		0		0.25	AD	NC	<input type="checkbox"/>	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUID 1428_02

From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.

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
Bioaccumulative Toxics in fish tissue	DDE	12/1/2001	11/30/2008	12		0		5.45	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	beta-BHC	12/1/2001	11/30/2008	12		0		1.28	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2001	11/30/2008	12		0		0.83	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	12		0		0.13	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2001	11/30/2008	12		0		0.53	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	BHC-alpha isomer	12/1/2001	11/30/2008	12		0		0.37	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	12		0		0.06	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	DDD	12/1/2001	11/30/2008	12		0		9.61	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2001	11/30/2008	12		0		0.20	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2001	11/30/2008	12		0		250.00	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2001	11/30/2008	12		0		5.25	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/2001	11/30/2008	12		0		0.30	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2001	11/30/2008	12		0		0.14	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	DDT	12/1/2001	11/30/2008	12		0		5.28	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 IIII criteria for PWS average	Nitrate	12/1/2001	11/30/2008	40	1.90			10,000.00	AD	FS	<input type="checkbox"/>	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUID		Walnut Creek to Longhorn Dam																
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	12/1/2001	11/30/2008	73		5	5.12	6.00	AD	NC	<input type="checkbox"/>	NC						
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	73		0		4.00	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 Single Sample	E. coli	12/1/2001	11/30/2008	39		5	1166	394.00	AD	FS	<input type="checkbox"/>	FS						
Bacteria Geometric	E. coli	12/1/2001	11/30/2008	39	135.65			126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	So				
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	12/1/2001	11/30/2008	73		0		35.00	AD	FS	<input type="checkbox"/>	FS						
High pH	pH	12/1/2001	11/30/2008	73		0		9.00	AD	FS	<input type="checkbox"/>	FS						
Low pH	pH	12/1/2001	11/30/2008	73		0		6.50	AD	FS	<input type="checkbox"/>	FS						
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	161	298.10			300.00	AD	FS	<input type="checkbox"/>	FS						
Dissolved Solids	Chloride	12/1/2001	11/30/2008	123	34.92			100.00	AD	FS	<input type="checkbox"/>	FS						
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	123	29.56			100.00	AD	FS	<input type="checkbox"/>	FS						
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	41		0		1.95	AD	NC	<input type="checkbox"/>	NC						
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	40		1	14.3	14.10	AD	NC	<input type="checkbox"/>	NC						
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	41		0		0.69	AD	NC	<input type="checkbox"/>	NC						
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	39		0		0.33	AD	NC	<input type="checkbox"/>	NC						
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	38		0		0.37	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				
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2001	11/30/2008	12		0		0.20	AD	NC	<input type="checkbox"/>	NC						

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUD 1428 03 Walnut Creek to Longhorn Dam

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
Bioaccumulative Toxics in fish tissue	BHC-alpha isomer	12/1/2001	11/30/2008	12		0		0.37	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	DDB	12/1/2001	11/30/2008	12		0		5.45	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	DDT	12/1/2001	11/30/2008	12		0		5.28	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2001	11/30/2008	12		0		0.83	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	beta-BHC	12/1/2001	11/30/2008	12		0		1.28	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	12		0		0.13	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	12		0		0.25	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	12		0		0.06	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	DDD	12/1/2001	11/30/2008	12		0		9.61	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2001	11/30/2008	12		0		250.00	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2001	11/30/2008	12		0		5.25	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/2001	11/30/2008	12		0		0.30	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2001	11/30/2008	12		0		0.14	AD	NC	<input type="checkbox"/>	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2001	11/30/2008	12		0		0.53	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 (H criteria for PWS average)	Nitrate	12/1/2001	11/30/2008	40	0.25			10,000.00	AD	FS	<input type="checkbox"/>	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

Segment New in 2010? No	SEGID 1428B Walnut Creek (unclassified water body)
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AUID 1428B_01	From the Colorado River upstream to FM 969
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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	
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	6/14/2000	11/30/2008	10		0		5.00	AD	NC	<input type="checkbox"/>	NC			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	6/14/2000	11/30/2008	10		0		3.00	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		0		5.00	ID	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		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 Single Sample	E. coli	12/1/1998	11/30/2008	12		1	2200	394.00	AD	FS	<input type="checkbox"/>	FS			
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	4		1	490	400.00	SM	NC	<input type="checkbox"/>	NC			
Bacteria Geometric	E. coli	12/1/1998	11/30/2008	12	120.20			126.00	AD	FS	<input type="checkbox"/>	FS			
Bacteria Geometric	Fecal coliform	12/1/2001	11/30/2008	4	258.55			200.00	SM	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	12/1/2001	11/30/2008	15		0		1.55	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	2		0		0.69	ID	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	16		0		0.37	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	17		0		0.33	AD	NC	<input type="checkbox"/>	NC			

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUID		From FM 969 upstream to Old Manor Rd.												
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	12/1/2001	11/30/2008	5		0		5.00	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	5		0		3.00	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 Single Sample	Fecal coliform	12/1/2001	11/30/2008	5		1	420	400.00	LD	NC	<input type="checkbox"/>	NC		
Bacteria Geometric	Fecal coliform	12/1/2001	11/30/2008	5	205.21			200.00	LD	CS	<input type="checkbox"/>	CS	bacteria	
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	12/1/2001	11/30/2008	6		0		0.33	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	5		0		0.37	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	4		0		1.95	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	2		0		0.69	ID	NA	<input type="checkbox"/>	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUD		1428B_03		From old Manor Road upstream to Dessau Road												
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	12/1/2001	11/30/2008	18		0		5.00	AD	NC	<input type="checkbox"/>	NC				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	18		0		3.00	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	7		1	4.5	5.00	LD	NC	<input type="checkbox"/>	NC				
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	7		0		3.00	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 Single Sample	E. coli	12/1/2001	11/30/2008	15		1	980	394.00	AD	FS	<input type="checkbox"/>	FS				
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	5		0		400.00	SM	NC	<input type="checkbox"/>	NC				
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	15	116.77			126.00	AD	FS	<input type="checkbox"/>	FS				
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	5	208.48			200.00	SM	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	Orthophosphorus	12/1/2001	11/30/2008	19		0		0.37	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	20		0		0.33	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	2		0		0.69	ID	NA	<input type="checkbox"/>	NA				
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	18		0		1.95	AD	NC	<input type="checkbox"/>	NC				

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUID 1428B_04 From Dessau Rd. upstream to MoPac/Loop 1

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	12/1/2001	11/30/2008	19		0		5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	19		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	4		0		5.00	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	4		0		3.00	LD	NC	<input type="checkbox"/>	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008						ID	NA	<input checked="" type="checkbox"/>	FS	impaired macrobenthic community	

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 Single Sample	E. coli	12/1/2001	11/30/2008	15		2	425	194.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	5		3	503.33	400.00	SM	FS	<input type="checkbox"/>	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	15	109.88			126.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	5	300.77			200.00	SM	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	Total Phosphorus	12/1/2001	11/30/2008	3		0		0.69	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	1		0		14.10	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	21		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	20		0		0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	19		1	4.33	1.95	AD	NC	<input type="checkbox"/>	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUID 1428B_05 From MoPac/Loop 1 upstream to railroad tracks west of Loop 1

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	12/1/2001	11/30/2008	15		0		3.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	15		0		2.00	AD	PS	<input type="checkbox"/>	PS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	3		1	2.1	3.00	ID	NA	<input type="checkbox"/>	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	3		1	1.3	2.00	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 Single Sample	E. coli	12/1/2001	11/30/2008	13		11	1306.55	394.00	AD	NS	<input type="checkbox"/>	NS	bacteria	5b
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	13	902.09			126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	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	Orthophosphorus	12/1/2001	11/30/2008	14		0		0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	15		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	15		0		1.95	AD	NC	<input type="checkbox"/>	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

Segment New in 2010? No	SEGID 1428C Gilleland Creek (unclassified water body)
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AUD 1428C 01	From the Colorado River upstream to Taylor Lane
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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	12/1/2001	11/30/2008	42		0		5.00	SM	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	42		0		3.00	SM	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	11		0		5.00	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	11		0		3.00	AD	FS	<input type="checkbox"/>	FS		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	1		0		2.20	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	1		0		128.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	1		0		1.06	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		561.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Toxaphene	12/1/2001	11/30/2008	1		0		32.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	1		0		48.50	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	1		0		4.98	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		1,520.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	1		0		459.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	alpha-BHC	12/1/2001	11/30/2008	1		0		100.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	beta-BHC	12/1/2001	11/30/2008	1		0		210.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		536.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,170.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	1		0		33.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chrysenes	12/1/2001	11/30/2008	1		0		1,290.00	ID	NA	<input type="checkbox"/>	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUID 1428C 01 From the Colorado River upstream to Taylor Lane

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
Toxic Substances in sediment	Acephenanthrene	12/1/2001	11/30/2008	1		0		89.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acephenanthylene	12/1/2001	11/30/2008	1		0		130.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		2,230.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		845.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,450.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	1		0		111.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	1		0		149.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		140.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		61.80	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Endrin	12/1/2001	11/30/2008	1		0		207.00	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Aldrin	12/1/2001	11/30/2008	1		0		80.00	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 Single Sample	E. coli	12/1/2001	11/30/2008	41		3	1413.33	394.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	41	129.37			126.00	AD	NS	<input type="checkbox"/>	NS	bacteria	4s

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	Chlorophyll-a	12/1/2001	11/30/2008	35		2	34.7	14.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	37		5	0.86	0.69	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	39		0		0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	36		33	5.32	1.95	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	37		17	0.61	0.37	AD	CS	<input type="checkbox"/>	CS	orthophosphorus	

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUID 1428C 02 From Taylor Lane upstream to Old Highway 20

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	12/1/2001	11/30/2008	21		0		5.00	AD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	21		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 Single Sample	E. coli	12/1/2001	11/30/2008	21		2	720	394.00	AD	FS	<input type="checkbox"/>	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	21	109.43			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
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	4		3	4.31	1.95	LD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	4		1	0.42	0.37	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	8		0		0.33	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		0		0.69	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		0		14.10	LD	NC	<input type="checkbox"/>	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUID 1428C 03 From Old Highway 20 to Cameron Road

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	12/1/2001	11/30/2008	7		0		5.00	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	7		0		3.00	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 Single Sample	E. coli	12/1/1998	11/30/2008	8		1	500	394.00	LD	NC	<input type="checkbox"/>	NC		
Bacteria Geomean	E. coli	12/1/1998	11/30/2008	8	175.55			126.00	LD	CM	<input type="checkbox"/>	CM	bacteria	

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	12/1/2001	11/30/2008	8		1	0.54	0.33	LD	NC	<input type="checkbox"/>	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 14 - Colorado River

AUID 1428C 04 From Cameron Road to the spring source

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean and	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	4		0		5.00	LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	4		0		3.00	LD	NC	<input type="checkbox"/>	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean and	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/1998	11/30/2008	5		1	520	394.00	LD	NC	<input type="checkbox"/>	NC		
Bacteria Geometric	E. coli	12/1/1998	11/30/2008	5	144.72			126.00	LD	CF	<input type="checkbox"/>	CF	bacteria	

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean and	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	1		1	14.3	1.95	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	1		0		0.37	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Arsenite	12/1/2001	11/30/2008	5		0		0.33	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	1		0		0.69	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	1		1	46.8	14.10	ID	NA	<input type="checkbox"/>	NA		

EXHIBIT 3

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008); Segment 1428 Pages 305-325

- 1428: Colorado River Below Town Lake, Pages 1-5**
- 1428A: Boggy Creek (unclassified), Page 1**
- 1428B: Walnut Creek (unclassified), Pages 1-7**
- 1428C: Gilliland Creek (unclassified), Pages 1-3**
- 1428D: Little Walnut Creek (unclassified), Page 1**
- 1428E: Fort Branch Creek (unclassified), Page 1**
- 1428F: Tannehill Branch Creek (unclassified), Page 1**
- 1428I: Decker Creek (unclassified), Page 1**
- 1428J: Harris Branch (unclassified), Page 1**

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (Integrated 103(b) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; IQ- Assessment Judgment; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428 **Colorado River Below Town Lake**

Water body type: Freshwater Stream

Water body size: 41 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	1428_01	Lower end of segment to Gilleland Creek confluence	45	42	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	39	35	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428_03	Walnut Creek to Longhorn Dam	79	73	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	1428_01	Lower end of segment to Gilleland Creek confluence	45	42	1	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	39	35	0	6.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428_03	Walnut Creek to Longhorn Dam	79	73	6	6.00	AD	NC	NC		No
Fish Community												
2008	Fish Community	1428_01	Lower end of segment to Gilleland Creek confluence	0	0		49.00	ID	NA	CN		Yes
Macrobenthic Community												
2008	Macrobenthic Community	1428_01	Lower end of segment to Gilleland Creek confluence	0	0			ID	NA	CN		Yes
Toxic Substances in sediment												
2008	Mercury	1428_01	Lower end of segment to Gilleland Creek confluence	3	3	1	1.06	ID	NA	NA		No
2008	Metals	1428_01	Lower end of segment to Gilleland Creek confluence	3	3	0		ID	NA	NA		No
2008	Organics	1428_01	Lower end of segment to Gilleland Creek confluence	2	2	0		ID	NA	NA		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	Multiple	1428_01	Lower end of segment to Gilleland Creek confluence	1	1			ID	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (Integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OB- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428 **Colorado River Below Town Lake**

Water body type: Freshwater Stream

Water body size: 41 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
Dissolved Solids												
2008	Chloride	1428_01	Lower end of segment to Gilleland Creek confluence	118	118	37.71	100.00	AD	FS	FS		No
2008	Chloride	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	118	118	37.71	100.00	AD	FS	FS		No
2008	Chloride	1428_03	Walnut Creek to Longhorn Dam	118	118	37.71	100.00	AD	FS	FS		No
2008	Sulfate	1428_01	Lower end of segment to Gilleland Creek confluence	118	118	30.85	100.00	AD	FS	FS		No
2008	Sulfate	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	118	118	30.85	100.00	AD	FS	FS		No
2008	Sulfate	1428_03	Walnut Creek to Longhorn Dam	118	118	30.85	100.00	AD	FS	FS		No
2008	Total Dissolved Solids	1428_01	Lower end of segment to Gilleland Creek confluence	155	155	303.72	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	155	155	303.72	500.00	AD	FS	FS		No
2008	Total Dissolved Solids	1428_03	Walnut Creek to Longhorn Dam	155	155	303.72	500.00	AD	FS	FS		No
High pH												
2008	pH	1428_01	Lower end of segment to Gilleland Creek confluence	45	42	0	9.00	AD	FS	FS		No
2008	pH	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	39	35	0	9.00	AD	FS	FS		No
2008	pH	1428_03	Walnut Creek to Longhorn Dam	79	73	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	1428_01	Lower end of segment to Gilleland Creek confluence	45	42	0	6.50	AD	FS	FS		No
2008	pH	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	39	35	0	6.50	AD	FS	FS		No
2008	pH	1428_03	Walnut Creek to Longhorn Dam	79	73	0	6.50	AD	FS	FS		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (Integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OI- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428 Colorado River Below Town Lake

Water body type: Freshwater Stream

Water body size: 41 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
Nutrient Screening Levels												
2008	Ammonia	1428_01	Lower end of segment to Gilleland Creek confluence	41	41	0	0.33	AD	NC	NC		No
2008	Ammonia	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	35	35	0	0.33	AD	NC	NC		No
2008	Ammonia	1428_03	Walnut Creek to Longhorn Dam	39	39	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1428_01	Lower end of segment to Gilleland Creek confluence	40	40	1	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	34	34	1	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1428_03	Walnut Creek to Longhorn Dam	40	40	1	14.10	AD	NC	NC		No
2008	Nitrate	1428_01	Lower end of segment to Gilleland Creek confluence	40	40	22	1.95	AD	CS	CS		No
2008	Nitrate	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	35	35	8	1.95	AD	NC	NC		No
2008	Nitrate	1428_03	Walnut Creek to Longhorn Dam	41	41	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1428_01	Lower end of segment to Gilleland Creek confluence	41	41	22	0.37	AD	CS	CS		No
2008	Orthophosphorus	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	36	36	9	0.37	AD	NC	NC		No
2008	Orthophosphorus	1428_03	Walnut Creek to Longhorn Dam	38	38	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	1428_01	Lower end of segment to Gilleland Creek confluence	41	41	13	0.69	AD	CS	CS		No
2008	Total Phosphorus	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	36	36	4	0.69	AD	NC	NC		No
2008	Total Phosphorus	1428_03	Walnut Creek to Longhorn Dam	41	41	0	0.69	AD	NC	NC		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (Integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgment; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428 Colorado River Below Town Lake

Water body type: Freshwater Stream

Water body size: 41 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
Water Temperature												
2008	Temperature	1428_01	Lower end of segment to Gilleland Creek confluence	45	42	0	35.00	AD	FS	FS		No
2008	Temperature	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	39	35	0	35.00	AD	FS	FS		No
2008	Temperature	1428_03	Walnut Creek to Longhorn Dam	84	78	0	35.00	AD	FS	FS		No
Public Water Supply Use												
Finished Drinking Water Dissolved Solids average												
2008	Multiple	1428_01	Lower end of segment to Gilleland Creek confluence					OE	NC	NC		No
2008	Multiple	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.					OE	NC	NC		No
2008	Multiple	1428_03	Walnut Creek to Longhorn Dam					OE	NC	NC		No
Finished Drinking Water MCLs and Toxic Substances running average												
2008	Multiple	1428_01	Lower end of segment to Gilleland Creek confluence					OE	FS	FS		No
2008	Multiple	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.					OE	FS	FS		No
2008	Multiple	1428_03	Walnut Creek to Longhorn Dam					OE	FS	FS		No
Finished Drinking Water MCLs Concern												
2008	Multiple	1428_01	Lower end of segment to Gilleland Creek confluence					OE	NC	NC		No
2008	Multiple	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.					OE	NC	NC		No
2008	Multiple	1428_03	Walnut Creek to Longhorn Dam					OE	NC	NC		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (Integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting;
 NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;
 JQ- Assessor Judgement; OB- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428 Colorado River Below Town Lake

Water body type: Freshwater Stream

Water body size: 41 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Recreation Use												
Bacteria Geomean												
2008	E. coli	1428_01	Lower end of segment to Gilleland Creek confluence	41	41	0	47.13	126.00	AD	FS	FS	No
2008	E. coli	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	36	36	0	48.47	126.00	AD	FS	FS	No
2008	E. coli	1428_03	Walnut Creek to Longhorn Dam	41	41	1	143.03	126.00	AD	NS	NS	5c No
2008	Fecal coliform	1428_01	Lower end of segment to Gilleland Creek confluence	11	11	0	55.12	200.00	SM	FS	FS	No
2008	Fecal coliform	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	6	6	0	53.21	200.00	LD	NC	NC	No
2008	Fecal coliform	1428_03	Walnut Creek to Longhorn Dam	11	11	1	232.14	200.00	SM	NS	NS	No
Bacteria Single Sample												
2008	E. coli	1428_01	Lower end of segment to Gilleland Creek confluence	41	41	1		394.00	AD	FS	FS	No
2008	E. coli	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	36	36	2		394.00	AD	FS	FS	No
2008	E. coli	1428_03	Walnut Creek to Longhorn Dam	41	41	5		394.00	AD	FS	FS	No
2008	Fecal coliform	1428_01	Lower end of segment to Gilleland Creek confluence	11	11	0		400.00	SM	FS	FS	No
2008	Fecal coliform	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	6	6	0		400.00	LD	NC	NC	No
2008	Fecal coliform	1428_03	Walnut Creek to Longhorn Dam	11	11	4		400.00	SM	CN	CN	No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1428A Boggy Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 7 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	1428A_01 Entire water body	3	3	0		2.00	TR	NA	NA		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	1428A_01 Entire water body	3	3	0		3.00	TR	NA	NA		No
Toxic Substances in sediment												
2006	Metals	1428A_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Organics	1428A_01 Entire water body	1	1	0			ID	NA	NA		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	1428A_01 Entire water body	2	2	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	1428A_01 Entire water body	0	0			14.10	ID	NA	NA		No
2006	Nitrate	1428A_01 Entire water body	1	1	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	1428A_01 Entire water body	2	2	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	1428A_01 Entire water body	0	0			0.69	ID	NA	NA		No
Recreation Use												
Bacteria Geomean												
2006	Fecal coliform	1428A_01 Entire water body	1	1		480.00		ID	NA	NA		No
Bacteria Single Sample												
2006	Fecal coliform	1428A_01 Entire water body	1	1	1		400.00	ID	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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 NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;
 JQ- Assessor Judgment; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428B **Walnut Creek (unclassified water body)**

Water body type: Freshwater Stream

Water body size: 20 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	1428B_03	From old Manor Road upstream to Dessau Road	2	2	1	5.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	1428B_03	From old Manor Road upstream to Dessau Road	2	2	0	3.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	1428B_01	From the Colorado River upstream to FM 969	14	14	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428B_03	From old Manor Road upstream to Dessau Road	15	15	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	19	19	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	10	10	0	2.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	1428B_01	From the Colorado River upstream to FM 969	14	14	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428B_03	From old Manor Road upstream to Dessau Road	15	15	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	19	19	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	10	10	0	3.00	AD	NC	NC		No
Macrobenthic Community												
2008	Macrobenthic Community	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1					ID	NA	CN		Yes

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (Integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OI- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428B Walnut Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 20 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Toxic Substances in sediment												
2006	Metals	1428B_01	From the Colorado River upstream to FM 969	1	1	0		ID	NA	NA		No
2006	Organics	1428B_01	From the Colorado River upstream to FM 969	1	1	0		ID	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (Integrated 301(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428B Walnut Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 20 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; IQ- Assessor Judgment; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428B Walnut Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 20 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
Nutrient Screening Levels												
2008	Ammonia	1428B_01	From the Colorado River upstream to FM 969	10	10	0	0.33	AD	NC	NC		No
2008	Ammonia	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	0.33	AD	NC	NC		No
2008	Ammonia	1428B_03	From old Manor Road upstream to Dessau Road	16	16	0	0.33	AD	NC	NC		No
2008	Ammonia	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	18	18	0	0.33	AD	NC	NC		No
2008	Ammonia	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	10	10	0	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1428B_03	From old Manor Road upstream to Dessau Road	0	0		14.10	ID	NA	NA		No
2008	Chlorophyll-a	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	1	1	0	14.10	ID	NA	NA		No
2008	Chlorophyll-a	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	0	0	0	14.10	ID	NA	NA		No
2008	Nitrate	1428B_01	From the Colorado River upstream to FM 969	12	12	0	1.95	AD	NC	NC		No
2008	Nitrate	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	1.95	AD	NC	NC		No
2008	Nitrate	1428B_03	From old Manor Road upstream to Dessau Road	14	14	0	1.95	AD	NC	NC		No
2008	Nitrate	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	15	15	0	1.95	AD	NC	NC		No
2008	Nitrate	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	10	10	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	1428B_01	From the Colorado River upstream to FM 969	13	13	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	0.37	AD	NC	NC		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1428B Walnut Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 20 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
Nutrient Screening Levels												
2008	Orthophosphorus	1428B_03	From old Manor Road upstream to Dessau Road	13	13	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	16	16	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	9	9	0	0.37	LD	NC	NC		No
2008	Total Phosphorus	1428B_01	From the Colorado River upstream to FM 969	4	4	0	0.69	LD	NC	NC		No
2008	Total Phosphorus	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1428B_03	From old Manor Road upstream to Dessau Road	3	3	0	0.69	ID	NA	NA		No
2008	Total Phosphorus	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	10	10	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	0	0	0	0.69	ID	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1428B Walnut Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 20 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
Recreation Use													
Bacteria Geomean													
2008	E. coli	1428B_01	From the Colorado River upstream to FM 969	7	7	1	160.91	126.00	LD	CN	CN	No	
2008	E. coli	1428B_03	From old Manor Road upstream to Dessau Road	9	9	0	90.15	126.00	LD	NC	NC	No	
2008	E. coli	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	9	9	1	144.24	126.00	SM	CN	CN	No	
2008	E. coli	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	7	7		978.80	126.00	LD	CN	CN	No	
2008	Fecal coliform	1428B_01	From the Colorado River upstream to FM 969	10	10	1	259.00	200.00	AD	NS	NS	Sc	No
2008	Fecal coliform	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	0	95.69	200.00	AD	FS	FS	No	
2008	Fecal coliform	1428B_03	From old Manor Road upstream to Dessau Road	10	10	0	208.00	200.00	AD	NS	NS	Sc	No
2008	Fecal coliform	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	10	10		194.00	200.00	AD	FS	FS	No	
2008	Fecal coliform	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	0	0			200.00	ID	NA	NA	No	

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1428B Walnut Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 20 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Recreation Use												
Bacteria Single Sample												
2008	E. coli	1428B_01	From the Colorado River upstream to FM 969	7	7	1	394.00	LD	NC	NC		No
2008	E. coli	1428B_03	From old Manor Road upstream to Dessau Road	9	9	0	394.00	LD	NC	NC		No
2008	E. coli	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	9	9	1	394.00	SM	NC	NC		No
2008	E. coli	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	7	7	7	394.00	LD	NS	NS	Sc	No
2008	Fecal coliform	1428B_01	From the Colorado River upstream to FM 969	10	10	3	400.00	AD	FS	FS		No
2008	Fecal coliform	1428B_02	From FM 969 upstream to Old Manor Rd.	10	10	1	400.00	AD	FS	FS		No
2008	Fecal coliform	1428B_03	From old Manor Road upstream to Dessau Road	10	10	1	400.00	AD	FS	FS		No
2008	Fecal coliform	1428B_04	From Dessau Rd. upstream to MoPac/Loop 1	10	10	3	400.00	AD	FS	FS		No
2008	Fecal coliform	1428B_05	From MoPac/Loop 1 upstream to railroad tracks west of Loop 1	0	0	0	400.00	ID	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 1428C **Gilleland Creek (unclassified water body)**

Water body type: Freshwater Stream

Water body size: 24 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	1428C_01	From the Colorado River upstream to Taylor Lane	10	10	0	5.00	AD	FS	FS		No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	1428C_01	From the Colorado River upstream to Taylor Lane	10	10	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	1428C_01	From the Colorado River upstream to Taylor Lane	42	42	0	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	1428C_02	From Taylor Lane upstream to Old Highway 20	10	10	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428C_03	From Old Highway 20 to Cameron Road	10	10	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	1428C_04	From Cameron Road to the spring source	29	29	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	1428C_01	From the Colorado River upstream to Taylor Lane	42	42	0	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	1428C_02	From Taylor Lane upstream to Old Highway 20	10	10	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428C_03	From Old Highway 20 to Cameron Road	10	10	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	1428C_04	From Cameron Road to the spring source	29	29	0	5.00	AD	NC	NC		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (Integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgment; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428C Gilleland Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 24 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
Nutrient Screening Levels												
2008	Ammonia	1428C_01	From the Colorado River upstream to Taylor Lane	39	39	0	0.33	AD	NC	NC		No
2008	Ammonia	1428C_02	From Taylor Lane upstream to Old Highway 20	8	8	0	0.33	ID	NA	NA		No
2008	Ammonia	1428C_03	From Old Highway 20 to Cameron Road	8	8	1	0.33	TR	NA	NA		No
2008	Ammonia	1428C_04	From Cameron Road to the spring source	4	4	0	0.33	LD	NC	NC		No
2008	Chlorophyll-a	1428C_01	From the Colorado River upstream to Taylor Lane	35	35	2	14.10	AD	NC	NC		No
2008	Chlorophyll-a	1428C_02	From Taylor Lane upstream to Old Highway 20	4	4	0	14.10	ID	NA	NA		No
2008	Chlorophyll-a	1428C_04	From Cameron Road to the spring source	4	4	0	0.33	LD	NC	NC		No
2008	Nitrate	1428C_01	From the Colorado River upstream to Taylor Lane	36	36	30	1.95	AD	CS	CS		No
2008	Nitrate	1428C_02	From Taylor Lane upstream to Old Highway 20	4	4	3	1.95	JQ	CS	CS		No
2008	Orthophosphorus	1428C_01	From the Colorado River upstream to Taylor Lane	37	37	19	0.37	AD	CS	CS		No
2008	Orthophosphorus	1428C_02	From Taylor Lane upstream to Old Highway 20	4	4	1	0.37	ID	NA	NA		No
2008	Total Phosphorus	1428C_01	From the Colorado River upstream to Taylor Lane	37	37	9	0.69	AD	NC	NC		No
2008	Total Phosphorus	1428C_02	From Taylor Lane upstream to Old Highway 20	4	4	0	0.69	ID	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OB- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428C Gilleland Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 24 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
Recreation Use													
Bacteria Geomean													
2008	E. coli	1428C_01	From the Colorado River upstream to Taylor Lane	41	41	1	166.35	126.00	AD	NS	NS	5a	No
2008	E. coli	1428C_02	From Taylor Lane upstream to Old Highway 20	9	9	1	147.32	126.00	LD	CN	CN		No
2008	E. coli	1428C_03	From Old Highway 20 to Cameron Road	8	8	1	175.55	126.00	LD	CN	CN		No
2008	E. coli	1428C_04	From Cameron Road to the spring source	4	4	1	135.20	126.00	LD	CN	CN		No
2008	Fecal coliform	1428C_01	From the Colorado River upstream to Taylor Lane	11	11	1	351.52	200.00	SM	NS	NS		No
Bacteria Single Sample													
2008	E. coli	1428C_01	From the Colorado River upstream to Taylor Lane	41	41	7		394.00	AD	FS	FS		No
2008	E. coli	1428C_02	From Taylor Lane upstream to Old Highway 20	9	9	2		394.00	LD	NC	NC		No
2008	E. coli	1428C_03	From Old Highway 20 to Cameron Road	8	8	1		394.00	LD	NC	NC		No
2008	E. coli	1428C_04	From Cameron Road to the spring source	4	4	1		394.00	LD	NC	NC		No
2008	Fecal coliform	1428C_01	From the Colorado River upstream to Taylor Lane	11	11	4		400.00	SM	CN	CN		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (Integrated 363(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgment; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428D Little Walnut Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 6 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exe	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	1428D_01 Entire water body	4	4	0		3.00	TR	NA	NA		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	1428D_01 Entire water body	4	4	0		5.00	TR	NA	NA		No
Toxic Substances in sediment												
2006	Metals	1428D_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Organics	1428D_01 Entire water body	1	1	0			ID	NA	NA		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	1428D_01 Entire water body	2	2	0		0.33	ID	NA	NA		No
2006	Nitrate	1428D_01 Entire water body	2	2	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	1428D_01 Entire water body	2	2	0		0.37	ID	NA	NA		No
Recreation Use												
Bacteria Geomean												
2006	Fecal coliform	1428D_01 Entire water body	2	2			200.00	ID	NA	NA		No
Bacteria Single Sample												
2006	Fecal coliform	1428D_01 Entire water body	2	2	1		400.00	ID	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (Integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgment; OI- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428E Fort Branch Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 2 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	1428E_01	Entire water body	6	6	0	2.00	TR	NA	NA		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	1428E_01	Entire water body	6	6	0	3.00	TR	NA	NA		No
Toxic Substances in sediment												
2006	Metals	1428E_01	Entire water body	1	1	0		ID	NA	NA		No
2006	Organics	1428E_01	Entire water body	1	1	0		ID	NA	NA		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	1428E_01	Entire water body	1	1	0	0.33	ID	NA	NA		No
2006	Nitrate	1428E_01	Entire water body	1	1	0	1.95	ID	NA	NA		No
2006	Orthophosphorus	1428E_01	Entire water body	1	1	0	0.37	ID	NA	NA		No
Recreation Use												
Bacteria Geomean												
2006	Fecal coliform	1428E_01	Entire water body	1	1		400.00	200.00	ID	NA	NA	No
Bacteria Single Sample												
2006	Fecal coliform	1428E_01	Entire water body	1	1	0	400.00	ID	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (Integrated 343(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; IQ- Assessor Judgment; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428F Tannehill Branch Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 4 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	1428F_01 Entire water body	4	4	0		2.00	TR	NA	NA		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	1428F_01 Entire water body	4	4	0		3.00	TR	NA	NA		No
Toxic Substances in sediment												
2006	Metals	1428F_01 Entire water body	1	1	0			ID	NA	NA		No
2006	Organics	1428F_01 Entire water body	39	39	0		1.00	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Fecal coliform	1428F_01 Entire water body	1	1		940.00	200.00	ID	NA	NA		No
Bacteria Single Sample												
2006	Fecal coliform	1428F_01 Entire water body	1	1	1		400.00	ID	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgment; OB- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428I Decker Creek (unclassified water body)

Water body type: Freshwater Stream

Water body size: 6 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	1428I_01	Entire water body	2	2	0	1.50	ID	NA	NA		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	1428I_01	Entire water body	2	2	0	2.00	ID	NA	NA		No

2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

2008 Supp (level of support) and Integ Supp (Integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgment; OI- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 1428J Harris Branch (unclassified water body)

Water body type: Freshwater Stream

Water body size: 5 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	1428J_01	Entire water body	3	3	0	3.00	TR	NA	NA		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	1428J_01	Entire water body	3	3	0	5.00	TR	NA	NA		No

EXHIBIT 4

**2006 Texas Water Quality Inventory - Basin
Assessment Data by Segment; Segment 1428
Pages 1-7 (291-297)**

Environmental Stewardship

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

2006 Supp (level of support) and Integ Supp (Integrated 303(d) level of support) identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: 1428 Water body name: Colorado River Below Town Lake

Water body type: Freshwater Stream

Water body size: 41.0 Miles

	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use											
Dissolved Oxygen grab minimum											
Dissolved Oxygen Grab	1428_01	Lower end of segment to Gilleland Creek confluence	29	29	0		AD	FS	FS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	25	25	0		AD	FS	FS		No
	1428_03	Walnut Creek to Longhorn Dam	48	48	0		AD	FS	FS		No
Dissolved Oxygen grab screening level											
Dissolved Oxygen Grab	1428_01	Lower end of segment to Gilleland Creek confluence	29	29	0		AD	NC	NC		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	25	25	0		AD	NC	NC		No
	1428_03	Walnut Creek to Longhorn Dam	48	48	2		AD	NC	NC		No
Fish Community											
Fish Community	1428_01	Lower end of segment to Gilleland Creek confluence	0	0			ID	NA	CN		Yes
Macrobenthic Community											
Macrobenthic Community	1428_01	Lower end of segment to Gilleland Creek confluence	0	0			ID	NA	CN		Yes
Toxic Substances in sediment											
Mercury	1428_01	Lower end of segment to Gilleland Creek confluence	1	1	1		ID	NA	NA		No
Multiple Constituents	1428_01	Lower end of segment to Gilleland Creek confluence	1	1	0		ID	NA	NA		No
Fish Consumption Use											
Bioaccumulative Toxics in fish tissue											
Multiple Constituents	1428_01	Lower end of segment to Gilleland Creek confluence	1	1			ID	NA	NA		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

2006 Supp (level of support) and Integ Supp (Integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting;
 NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;
 JQ- Assessor Judgement; OE- Other information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: 1428 Water body name: Colorado River Below Town Lake

Water body type: Freshwater Stream

Water body size: 41.0 Miles

	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
General Use											
Dissolved Solids											
Chloride	1428_01	Lower end of segment to Gilleland Creek confluence	74	74		38.0	AD	FS	FS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	74	74		38.0	AD	FS	FS		No
	1428_03	Walnut Creek to Longhorn Dam	74	74		38.0	AD	FS	FS		No
Sulfate	1428_01	Lower end of segment to Gilleland Creek confluence	82	82		33.0	AD	FS	FS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	82	82		33.0	AD	FS	FS		No
	1428_03	Walnut Creek to Longhorn Dam	82	82		33.0	AD	FS	FS		No
Total Dissolved Solids	1428_01	Lower end of segment to Gilleland Creek confluence	109	109		318.0	AD	FS	FS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	109	109		318.0	AD	FS	FS		No
	1428_03	Walnut Creek to Longhorn Dam	109	109		318.0	AD	FS	FS		No
High pH											
pH	1428_01	Lower end of segment to Gilleland Creek confluence	29	29	0		AD	FS	FS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	25	25	0		AD	FS	FS		No
	1428_03	Walnut Creek to Longhorn Dam	48	48	0		AD	FS	FS		No
Low pH											
pH	1428_01	Lower end of segment to Gilleland Creek confluence	29	29	0		AD	FS	FS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	25	25	0		AD	FS	FS		No
	1428_03	Walnut Creek to Longhorn Dam	48	48	0		AD	FS	FS		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

2006 Supp (level of support) and Integ Supp (Integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: 1428 Water body name: Colorado River Below Town Lake

Water body type: Freshwater Stream

Water body size: 41.0 Miles

	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
General Use											
Nutrient Screening Levels											
Ammonia	1428_01	Lower end of segment to Gilleland Creek confluence	28	28	0		AD	NC	NC		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	23	23	0		AD	NC	NC		No
	1428_03	Walnut Creek to Longhorn Dam	26	26	0		AD	NC	NC		No
Chlorophyll-a	1428_01	Lower end of segment to Gilleland Creek confluence	28	28	1		AD	NC	NC		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	23	23	1		AD	NC	NC		No
	1428_03	Walnut Creek to Longhorn Dam	28	28	1		AD	NC	NC		No
Nitrate	1428_01	Lower end of segment to Gilleland Creek confluence	27	27	15		AD	CS	CS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	23	23	5		AD	NC	NC		No
	1428_03	Walnut Creek to Longhorn Dam	28	28	0		AD	NC	NC		No
Orthophosphorus	1428_01	Lower end of segment to Gilleland Creek confluence	28	28	15		AD	CS	CS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	24	24	7		AD	CS	CS		No
	1428_03	Walnut Creek to Longhorn Dam	23	23	0		AD	NC	NC		No
Total Phosphorus	1428_01	Lower end of segment to Gilleland Creek confluence	28	28	9		AD	CS	CS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	24	24	2		AD	NC	NC		No
	1428_03	Walnut Creek to Longhorn Dam	26	26	0		AD	NC	NC		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

2006 Supp (level of support) and Integ Supp (integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: 1428 Water body name: Colorado River Below Town Lake

Water body type: Freshwater Stream

Water body size: 41.0 Miles

	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
General Use											
Water Temperature											
Temperature	1428_01	Lower end of segment to Gilleland Creek confluence	29	29	0		AD	FS	FS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	25	25	0		AD	FS	FS		No
	1428_03	Walnut Creek to Longhorn Dam	53	53	0		AD	FS	FS		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

2006 Supp (level of support) and Integ Supp (integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: 1428 Water body name: Colorado River Below Town Lake

Water body type: Freshwater Stream

Water body size: 41.0 Miles

	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Public Water Supply Use											
Finished Drinking Water Dissolved Solids average											
Multiple Constituents	1428_01	Lower end of segment to Gilleland Creek confluence					OE	NC	NC		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.					OE	NC	NC		No
	1428_03	Walnut Creek to Longhorn Dam					OE	NC	NC		No
Finished Drinking Water MCLs and Toxic Substances running av											
Multiple Constituents	1428_01	Lower end of segment to Gilleland Creek confluence					OE	FS	FS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.					OE	FS	FS		No
	1428_03	Walnut Creek to Longhorn Dam					OE	FS	FS		No
Finished Drinking Water MCLs Concern											
Multiple Constituents	1428_01	Lower end of segment to Gilleland Creek confluence					OE	NC	NC		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.					OE	NC	NC		No
	1428_03	Walnut Creek to Longhorn Dam					OE	NC	NC		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

2006 Supp (level of support) and Integ Supp (integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting; NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; IQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: **1428** Water body name: Colorado River Below Town Lake

Water body type: Freshwater Stream

Water body size: 41.0 Miles

	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
Public Water Supply Use											
Surface Water Dissolved Solids average											
Chloride	1428_01	Lower end of segment to Gilleland Creek confluence	74	74		33.0	AD	NC	NC		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	74	74		33.0	AD	NC	NC		No
	1428_03	Walnut Creek to Longhorn Dam	74	74		33.0	AD	NC	NC		No
Sulfate	1428_01	Lower end of segment to Gilleland Creek confluence	82	82		38.0	AD	NC	NC		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	82	82		38.0	AD	NC	NC		No
	1428_03	Walnut Creek to Longhorn Dam	82	82		38.0	AD	NC	NC		No
Total Dissolved Solids	1428_01	Lower end of segment to Gilleland Creek confluence	109	109		318.0	AD	NC	NC		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	109	109		318.0	AD	NC	NC		No
	1428_03	Walnut Creek to Longhorn Dam	109	109		318.0	AD	NC	NC		No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

2006 Supp (level of support) and Integ Supp (Integrated 303(d) level of support) Identifiers: FS- Fully Supporting; CN- Concern for Near non-attainment; CS- Concern for Screening level; NS- Non-Supporting;
 NA- Not assessed; NC- No concern; Dataset Qualifiers: AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Supercoded by another method;
 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2006 to re-evaluate the level of support.

Segment ID: 1428 Water body name: Colorado River Below Town Lake

Water body type: Freshwater Stream

Water body size: 41.0 Miles

	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
Recreation Use											
Bacteria Geomean											
E. coli	1428_01	Lower end of segment to Gilleland Creek confluence	28	28		51.0	AD	FS	FS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	24	24		39.0	AD	FS	FS		No
	1428_03	Walnut Creek to Longhorn Dam	28	26		145.0	AD	NS	NS	5c	No
Fecal coliform	1428_01	Lower end of segment to Gilleland Creek confluence	10	10		60.0	SM	FS	FS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	6	6		53.0	SM	NC	NC		No
	1428_03	Walnut Creek to Longhorn Dam	10	9		189.0	SM	FS	FS		No
Bacteria Single Sample											
E. coli	1428_01	Lower end of segment to Gilleland Creek confluence	28	28	1		AD	FS	FS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	24	24	1		AD	FS	FS		No
	1428_03	Walnut Creek to Longhorn Dam	28	26	5		AD	FS	FS		No
Fecal coliform	1428_01	Lower end of segment to Gilleland Creek confluence	10	10	0		SM	FS	FS		No
	1428_02	From the confluence of Gilleland Creek upstream to the confluence of Walnut Ck.	6	6	0		SM	NC	NC		No
	1428_03	Walnut Creek to Longhorn Dam	10	9	3		SM	NC	NC		No