2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

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 2012 period of record is from 12/1/2003 to 11/30/2010. Assessors have the option of going back 10 years (12/1/2000) 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 2012 period of record dates are 12/1/2003 to 11/30/2010. Assessors have the option of including more recently collected data than 12/01/2010, if available.
# Assd:	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 Assd:	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:* **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Data (less than 4) **JQ** = Level of support is based on judgment of the assessor **SM** = This assessment method is superseded by another method **TR** = Temporally Not Representative, used with NA **SR** = Spatially Not Representative, used with NA **OE** = Other information than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, generally information is provided by outside entity
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 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. **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.
	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.

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1201 Brazos River Tidal

AUID 1201_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/1/2003	11/30/2010	25	25.38	0		35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	25		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	25		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	25		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	26		1	1.15	1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	26		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	26		3	1.24	0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	25		11	41.2	21.00	AD	CS	☐	CS	chlorophyll-a	

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	27	0.33	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	26	0.45	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1202 Brazos River Below Navasota River

AUID 1202_01

Portion of the Brazos River from the confluence with the Brazos River Tidal in Brazoria County upstream to the confluence with Flat Bank Creek in Fort Bend County.

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	12/1/2003	11/30/2010	60		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	60		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.80	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.50	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	27	51.22	0		126.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	120.00	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	62		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	62		0		9.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202_01** Portion of the Brazos River from the confluence with the Brazos River Tidal in Brazoria County upstream to the confluence with Flat Bank Creek in Fort Bend County.

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
Low pH	pH	12/1/2003	11/30/2010	62		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	130	126.37	0		300.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	128	67.37	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	132	483.21	0		750.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	28		1	2.33	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	29		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	16		1	1.96	0.69	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.50	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202_01** Portion of the Brazos River from the confluence with the Brazos River Tidal in Brazoria County upstream to the confluence with Flat Bank Creek in Fort Bend County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	2	2.50	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	3	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	82	0.54	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	2	0.50	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	2	178.20	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202_02** Portion of the Brazos River from the confluence with Flat Bank Creek upstream to the confluence with Bessie's Creek in Fort Bend County.

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	12/1/2003	11/30/2010	31		1	1.5	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	31		1	1.5	3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	32	59.16	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	32		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	31		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	31		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	132	483.21	0		750.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	130	126.37	0		300.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	128	67.37	0		200.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	39		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	33		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	35		1	3.53	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	38		31	43.09	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	35		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1202_02 Portion of the Brazos River from the confluence with Flat Bank Creek upstream to the confluence with Bessie's Creek in Fort Bend County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.50	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	3	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	2	2.50	0		10.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202_02** Portion of the Brazos River from the confluence with Flat Bank Creek upstream to the confluence with Bessie's Creek in Fort Bend County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	82	0.54	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	2	0.50	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	2	178.20	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202_03** Portion of the Brazos River from the confluence with Bessie's Creek in Fort Bend County upstream to confluence with Mill Creek in Austin County.

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	12/1/2003	11/30/2010	1		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	1		0		3.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	1	16.00	0		126.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
High pH	pH	12/1/2003	11/30/2010	1		0		9.00	ID	NA	☐	NA		
Low pH	pH	12/1/2003	11/30/2010	1		0		6.50	ID	NA	☐	NA		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	132	483.21	0		750.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	130	126.37	0		300.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	128	67.37	0		200.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	1		0		1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	1		0		0.37	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		7.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202_03** Portion of the Brazos River from the confluence with Bessie's Creek in Fort Bend County upstream to confluence with Mill Creek in Austin County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.50	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	3	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	82	0.54	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202_03** Portion of the Brazos River from the confluence with Bessie's Creek in Fort Bend County upstream to confluence with Mill Creek in Austin County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	2	0.50	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	2	178.20	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	2	2.50	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202_04** Portion of Brazos River from the confluence with Mill Creek in Austin County upstream to confluence with Lewisville Creek in Waller County.

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	132	483.21	0		750.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	130	126.37	0		300.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	128	67.37	0		200.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.50	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202_04** Portion of Brazos River from the confluence with Mill Creek in Austin County upstream to confluence with Lewisville Creek in Waller County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	82	0.54	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	2	0.50	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	2	178.20	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	2	2.50	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	3	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202_05** Portion of the Brazos River from confluence with Lewisville Creek in Waller County upstream to the confluence with the Navasota River in Grimes County.

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	12/1/2003	11/30/2010	45		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	45		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.70	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.50	0		4.58	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	46	61.16	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	47		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	47		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	47		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	132	483.21	0		750.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	130	126.37	0		300.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202_05** Portion of the Brazos River from confluence with Lewisville Creek in Waller County upstream to the confluence with the Navasota River in Grimes County.

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	128	67.37	0		200.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		1	124.1	14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	57		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	57		1	3.48	1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.50	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202_05** Portion of the Brazos River from confluence with Lewisville Creek in Waller County upstream to the confluence with the Navasota River in Grimes County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	3	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	2	178.20	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	82	0.54	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	2	2.50	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	2	0.50	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

SEGID 1202H Allen's Creek (unclassified water body)

AUID 1202H_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		5	2.26	3.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		1	0.5	2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.93	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	3.48	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	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	16		6	1070	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	21	168.31	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	1860.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	23		9	5.83	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		12	0.87	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	13		0		0.33	AD	NC	☐	NC		

AUID 1202H_01 Entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	11		7	1.4	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	12		3	107.77	14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.93	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		

SEGID 1202I Bessie's Creek (unclassified water body)

AUID 1202I_02 Portion of Bessie's Creek from confluence with Dry Branch in Waller County upstream to headwaters of water body.

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	1		1	0.5	0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	1		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		1	58.7	14.10	ID	NA	☐	NA		

SEGID 1202J Big Creek (unclassified water body)

AUID 1202J_01 From the confluence with the Brazos River, upstream to the confluence with Fairchild's Creek in Fort Bend County

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	12/1/2003	11/30/2010	31		4	3.58	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	31		1	0.28	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	5		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	5		0		3.00	LD	NC	☐	NC		
Habitat	Habitat	12/1/2003	11/30/2010	5	19.40			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	8	35.10			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	8	40.70			39.00	AD	FS	☐	CN	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 Geomean	E. coli	12/1/2003	11/30/2010	25	96.72	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	26		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	27		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	26		1	0.72	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	26		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	25		10	40.96	14.10	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202J_01** From the confluence with the Brazos River, upstream to the confluence with Fairchild's Creek in Fort Bend County

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	1.00	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202J_02** From the confluence with Fairchild's creek upstream to the confluence with Cottonwood and Coon Creeks in Fort Bend County

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	12/1/2003	11/30/2010	27		2	3.6	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	5.40	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	1.00	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	23	139.35	1		126.00	JQ	NS	☐	CN	bacteria	
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	2140.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	28		7	64.1	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	24		15	2.71	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	27		23	2.31	0.37	AD	CS	☐	CS	orthophosphorus	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202J_02** From the confluence with Fairchild's creek upstream to the confluence with Cottonwood and Coon Creeks in Fort Bend County

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	12/1/2003	11/30/2010	26		17	12.37	1.95	AD	CS	☐	CS	nitrate	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	1.00	0		3.83	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1202K Mill Creek (unclassified water body)

AUID 1202K_01 Portion of Mill Creek from confluence with Brazos River upstream to confluence with East/West Forks Mill Creek in Austin County.

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	12/1/2003	11/30/2010	34		0		5.00	SM	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	34		0		3.00	SM	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	14		0		5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	14		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		34.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		198.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	1		0		20.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		166.26	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		935.30	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		68.33	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,455.29	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	2.04	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	1	2.00	0		5.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.51	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	3.79	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	1.38	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	3.80	0		190.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1202K_01** Portion of Mill Creek from confluence with Brazos River upstream to confluence with East/West Forks Mill Creek in Austin County.

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
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.51	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	0.51	0		18.36	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	25	177.10	1		126.00	AD	NS	☐	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	26		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	27		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	27		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	28		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	26		0		14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.51	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	1.38	0		502.00	ID	NA	☐	NA		

SEGID 1202P Pond Creek (unclassified water body)

AUID 1202P_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	5		0		3.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	5		0		2.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	5		1	1.5	3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	5		1	0.1	2.00	TR	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	5		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	5		1	0.48	0.37	LD	NC	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	5		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	5		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	5		2	18.15	14.10	LD	NC	☐	NC		

SEGID 1202Q Clear Creek (unclassified water body)

AUID 1202Q_02 Portion of Clear Creek from confluence with Pond Creek upstream to headwaters in Waller County.

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	12/1/2003	11/30/2010	1		0		1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	1		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	1		0		0.37	ID	NA	☐	NA		

SEGID 1203 Whitney Lake

AUID 1203_01 Portion near 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	12/1/2003	11/30/2010	40		4	3.85	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	40		1	1.63	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	9		2	4.35	5.00	LD	CN	☐	CN	depressed dissolved oxygen	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	9		0		3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	5		0		20.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	5	0.11	0		5.00	LD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2003	11/30/2010	1		0		561.00	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2003	11/30/2010	1		0		1,170.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2003	11/30/2010	1		0		1,520.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2003	11/30/2010	1		0		1,050.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2003	11/30/2010	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2003	11/30/2010	1		0		161.06	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2003	11/30/2010	1		0		1,290.00	ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/2003	11/30/2010	1		0		43.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1		0		550.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2003	11/30/2010	1		0		536.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2003	11/30/2010	1		0		140.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2003	11/30/2010	1		0		1,450.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2003	11/30/2010	1		0		845.00	ID	NA	☐	NA		

AUID 1203_01 Portion near 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
Toxic Substances in sediment	Acenaphthylene	12/1/2003	11/30/2010	1		0		130.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2003	11/30/2010	1		0		89.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2003	11/30/2010	1		0		2,230.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	27	3.28	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	48		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	40		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	40		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	234	1296.92	0		1,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	171	487.72	0		670.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	171	197.46	0		320.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	36		2	0.18	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	33		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	39		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	39		1	0.68	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	47		6	37.42	26.70	AD	NC	☐	NC		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	6		6	1046049		OE	CN	☐	CN	harmful algal bloom/golden alga	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1203_01** Portion near 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
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.05	0		5.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.05	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	21	0.12	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	157	0.24	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	196	0.07	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1203_02 Main Body of Lake

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	12/1/2003	11/30/2010	43		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	43		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	5		0		20.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	5	0.11	0		5.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	26	2.77	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	57		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	43		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	43		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	171	487.72	0		670.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	171	197.46	0		320.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	234	1296.92	0		1,500.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	57		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	59		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	58		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	39		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	37		8	38.15	26.70	AD	NC	☐	NC		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	6		6	1112316		OE	CN	☐	CN	harmful algal bloom/golden alga	

AUID 1203_02 Main Body of Lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.05	0		5.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.05	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	21	0.12	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	157	0.24	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	196	0.07	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1203_03 Steele Creek Arm

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	12/1/2003	11/30/2010	45		1	4.76	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	45		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	3		0		20.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	3	0.13	0		5.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	27	3.10	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	46		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	46		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	46		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	234	1296.92	0		1,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	171	487.72	0		670.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	171	197.46	0		320.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	35		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	36		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	35		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	33		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	38		14	44.42	26.70	AD	CS	☐	CS	chlorophyll-a	
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	7		7	1113853		OE	CN	☐	CN	harmful algal bloom/golden alga	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1203_03** Steele Creek Arm

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.05	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	196	0.07	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	21	0.12	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.05	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	157	0.24	0		4.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1203_04 Riverine portion east of Morgan

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	12/1/2003	11/30/2010	3		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	3		0		3.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	3		0		33.90	ID	NA	☐	NA		
High pH	pH	12/1/2003	11/30/2010	3		0		9.00	ID	NA	☐	NA		
Low pH	pH	12/1/2003	11/30/2010	3		0		6.50	ID	NA	☐	NA		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	234	1296.92	0		1,500.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	171	197.46	0		320.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	171	487.72	0		670.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	6		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	7		0		0.05	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	7		0		0.11	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	4		0		0.20	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	5		2	38	26.70	LD	NC	☐	NC		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	6		6	1116179		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.05	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1203_04** Riverine portion east of Morgan

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	196	0.07	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	21	0.12	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	157	0.24	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.05	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1203_05 Nolan River Arm

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	12/1/2003	11/30/2010	28		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	28		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	3		0		20.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	3	0.13	0		5.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	27	7.85	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	28		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	28		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	28		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	234	1296.92	0		1,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	171	487.72	0		670.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	171	197.46	0		320.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	28		4	0.82	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	28		3	0.09	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	27		2	0.16	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	28		1	0.34	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	25		19	60.29	26.70	AD	CS	☐	CS	chlorophyll-a	
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	5		5	1336501		OE	CN	☐	CN	harmful algal bloom/golden alga	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1203_05** Nolan River Arm

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.05	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	196	0.07	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	21	0.12	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	157	0.24	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.05	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1203_06** Brazos River Arm

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	12/1/2003	11/30/2010	28		1	4.54	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	28		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	5		0		20.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	5	0.11	0		5.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	26	4.98	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	28		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	28		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	28		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	171	197.46	0		320.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	234	1296.92	0		1,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	171	487.72	0		670.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	28		1	0.52	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	28		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	27		2	0.14	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	28		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	25		16	50.36	26.70	AD	CS	☐	CS	chlorophyll-a	
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	6		6	1591476		OE	CN	☐	CN	harmful algal bloom/golden alga	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1203_06** Brazos River Arm

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.05	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	157	0.24	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	196	0.07	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	21	0.12	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.05	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.05	0		1,000.00	LD	NC	☐	NC		

SEGID 1204 Brazos River Below Lake Granbury

AUID 1204_01 Portion of Brazos River below Lake Granbury from the confluence with Camp Creek upstream to the confluence with the Paluxy River in Somervell County

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	59	1106.06	0		1,600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	59	405.73	0		750.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	57	177.06	0		380.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		1,500,000.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		76.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		2,175.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		295.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.50	0		24.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	5	0.11	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.40	0		4.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		2,014.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1,445.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		4,336.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		463.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		1,981.00	LD	NC	☐	NC		

AUID **1204_01** Portion of Brazos River below Lake Granbury from the confluence with Camp Creek upstream to the confluence with the Paluxy River in Somervell County

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		211.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		226.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	0.50	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		2,435.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		274.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		327.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	0.40	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	0.16	0		1,071.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1204_02** Portion of Brazos River below Lake Granbury from the confluence with the Paluxy River upstream to DeCordova Bend Dam in Hood County.

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	12/1/2003	11/30/2010	55		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	55		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	12		0		4,104.46	AD	FS	☐	FS		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4		0		136.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	4		0		30.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	11		0		467.52	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	12		0		60.31	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8		0		1,007.54	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	11		0		170.79	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	8		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	11		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	10		0		332.42	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	8	2.00	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	12	3.27	0		318.02	AD	FS	☐	FS		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		64.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	10	1.70	0		211.66	AD	FS	☐	FS		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	4	0.10	0		30.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	11	0.08	0		7.28	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	12	2.20	0		25.03	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	11	0.06	0		1.98	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8	0.40	0		352.12	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1204_02** Portion of Brazos River below Lake Granbury from the confluence with the Paluxy River upstream to DeCordova Bend Dam in Hood County.

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
Habitat	Habitat	12/1/2003	11/30/2010	2	19.00			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	30.50			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	44.40			42.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	47	25.63	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	54		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	56		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	56		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	59	1106.06	0		1,600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	59	405.73	0		750.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	57	177.06	0		380.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	8		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	44		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	55		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	54		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	51		25	22.97	14.10	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1,445.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1204_02** Portion of Brazos River below Lake Granbury from the confluence with the Paluxy River upstream to DeCordova Bend Dam in Hood County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.50	0		24.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		76.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		463.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		2,175.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		295.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		1,981.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		1,500,000.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		4,336.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.40	0		4.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		274.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		211.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		2,014.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		327.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	5	0.11	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		226.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1204_02** Portion of Brazos River below Lake Granbury from the confluence with the Paluxy River upstream to DeCordova Bend Dam in Hood County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		2,435.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	0.40	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	0.50	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	0.16	0		1,071.00	ID	NA	☐	NA		

SEGID 1204A Camp Creek (unclassified water body)

AUID 1204A_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	17		1	2	3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	17		0		2.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2000	11/30/2010	21	131.31	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	15		4	2.56	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	15		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	16		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	16		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	14		1	37.4	14.10	AD	NC	☐	NC		

SEGID 1205 Lake Granbury

AUID 1205_01 Upstream portion of lake

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	12/1/2003	11/30/2010	51		2	4.35	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	51		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	49	34.28	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	51		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	51		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	51		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	2688	234.47	0		600.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	2874	1506.16	0		2,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	2758	634.92	0		1,000.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	50		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	50		2	0.12	0.05	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		

AUID 1205_01 Upstream portion of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		

AUID 1205_01 Upstream portion of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	19	1.32	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		

AUID 1205_01 Upstream portion of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	10	0.34	0		5,569.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	7	2.80	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	7	147.33	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	320	0.04	0		10.00	AD	FS	☐	FS		

AUID **1205_01** Upstream portion of lake

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	2	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.80	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1205_02 Portion of lake adjacent to the City of Oak Trail Shores

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	12/1/2003	11/30/2010	99		4	4.59	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	99		1	5.09	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,863.54	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		83.88	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		1,085.48	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	3.52	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.98	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		352.12	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		318.02	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	96	5.60	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	103		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	103		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	103		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	2874	1506.16	0		2,500.00	AD	FS	☐	FS		

AUID 1205_02 Portion of lake adjacent to the City of Oak Trail Shores

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2003	11/30/2010	2758	634.92	0		1,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	2688	234.47	0		600.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	90		4	0.39	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	70		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	93		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	92		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	93		52	39.69	26.70	AD	CS	☐	CS	chlorophyll-a	
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	5		5	626675		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_02** Portion of lake adjacent to the City of Oak Trail Shores

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		

AUID 1205_02 Portion of lake adjacent to the City of Oak Trail Shores

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	19	1.32	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	7	2.80	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_02** Portion of lake adjacent to the City of Oak Trail Shores

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	7	147.33	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	10	0.34	0		5,569.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	320	0.04	0		10.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.80	0		240.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	2	0.50	0		3.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1205_03 Portion of lake adjacent to the City of Granbury

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	12/1/2003	11/30/2010	21		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	21		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,863.54	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		1,085.48	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		83.88	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.98	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		352.12	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		318.02	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	3.49	0		190.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	21	7.45	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	21		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	21		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	21		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	2874	1506.16	0		2,500.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_03** Portion of lake adjacent to the City of Granbury

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2003	11/30/2010	2758	634.92	0		1,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	2688	234.47	0		600.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	22		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	20		10	39.6	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	22		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	21		0		0.37	AD	NC	☐	NC		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	5		5	626644		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_03** Portion of lake adjacent to the City of Granbury

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		

AUID 1205_03 Portion of lake adjacent to the City of Granbury

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	19	1.32	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	320	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	10	0.34	0		5,569.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_03** Portion of lake adjacent to the City of Granbury

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	7	2.80	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	7	147.33	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	2	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.80	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1205_04 Portion of lake downstream of Granbury

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2003	11/30/2010	2758	634.92	0		1,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	2688	234.47	0		600.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	2874	1506.16	0		2,500.00	AD	FS	☐	FS		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	5		5	626644		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		

AUID 1205_04 Portion of lake downstream of Granbury

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1205_04 Portion of lake downstream of Granbury

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	19	1.32	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	7	2.80	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	7	147.33	0		2,000.00	LD	NC	☐	NC		

AUID 1205_04 Portion of lake downstream of Granbury

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	320	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	10	0.34	0		5,569.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.80	0		240.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	2	0.50	0		3.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_05** Downstream portion of lake

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	12/1/2003	11/30/2010	118		12	4.22	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	118		5	3.76	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		457.90	ID	NA	☐	NA		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4		0		136.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4		0		321.19	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	5		0		3,965.93	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	4		0		58.05	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		1,085.48	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4		0		167.67	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	5		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	5		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	6		0		30.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	5	5.00	0		318.02	LD	NC	☐	NC		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		64.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4	2.50	0		211.66	LD	NC	☐	NC		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	6	2.57	0		30.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4	0.15	0		1.98	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		352.12	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	5	2.52	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	4	1.50	0		25.03	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.15	0		7.28	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_05** Downstream portion of lake

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	115	3.93	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	121		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	120		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	120		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	2688	234.47	0		600.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	2874	1506.16	0		2,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	2758	634.92	0		1,000.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	60		19	44.62	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	110		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	111		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	37		1	0.14	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	57		1	0.22	0.20	AD	NC	☐	NC		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	5		5	694552		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		

AUID 1205_05 Downstream portion of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		

AUID 1205_05 Downstream portion of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	19	1.32	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		

AUID 1205_05 Downstream portion of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	10	0.34	0		5,569.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	7	2.80	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	7	147.33	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	320	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_05** Downstream portion of lake

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.80	0		240.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	2	0.50	0		3.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA1** Unnamed inlets and canals adjacent to AU 1205_01

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	12/1/2003	11/30/2010	146		65	2.41	5.00	SR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	146		40	1.44	3.00	SR	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	154	19.06	0		126.00	SR	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	2874	1506.16	0		2,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	2758	634.92	0		1,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	2688	234.47	0		600.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA1** Unnamed inlets and canals adjacent to AU 1205_01

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA1** Unnamed inlets and canals adjacent to AU 1205_01

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	7	2.80	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	19	1.32	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA1** Unnamed inlets and canals adjacent to AU 1205_01

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	10	0.34	0		5,569.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	7	147.33	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	320	0.04	0		10.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.80	0		240.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	2	0.50	0		3.00	ID	NA	☐	NA		

AUID 1205_SA2 Unnamed inlets and canals adjacent to 1205_02

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	12/1/2003	11/30/2010	672		123	3.86	5.00	SR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	672		20	2.54	3.00	SR	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	685	38.65	0		126.00	SR	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	2874	1506.16	0		2,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	2758	634.92	0		1,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	2688	234.47	0		600.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		

AUID 1205_SA2 Unnamed inlets and canals adjacent to 1205_02

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA2** Unnamed inlets and canals adjacent to 1205_02

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	19	1.32	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	320	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA2** Unnamed inlets and canals adjacent to 1205_02

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	10	0.34	0		5,569.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	7	2.80	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	7	147.33	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.80	0		240.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	2	0.50	0		3.00	ID	NA	☐	NA		

AUID 1205_SA3 Unnamed inlets and canals adjacent to 1205_03

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	12/1/2003	11/30/2010	173		0		5.00	SR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	173		0		3.00	SR	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	189	13.83	0		126.00	SR	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	2874	1506.16	0		2,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	2758	634.92	0		1,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	2688	234.47	0		600.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA3** Unnamed inlets and canals adjacent to 1205_03

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA3** Unnamed inlets and canals adjacent to 1205_03

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	19	1.32	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	7	2.80	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA3** Unnamed inlets and canals adjacent to 1205_03

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	7	147.33	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	10	0.34	0		5,569.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	320	0.04	0		10.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.80	0		240.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	2	0.50	0		3.00	ID	NA	☐	NA		

AUID 1205_SA4 Unnamed inlets and canals adjacent to 1205_04

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	12/1/2003	11/30/2010	1208		12	4.43	5.00	SR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	1208		0		3.00	SR	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	1275	42.37	0		126.00	SR	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	2874	1506.16	0		2,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	2758	634.92	0		1,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	2688	234.47	0		600.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		

AUID 1205_SA4 Unnamed inlets and canals adjacent to 1205_04

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA4** Unnamed inlets and canals adjacent to 1205_04

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	19	1.32	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA4** Unnamed inlets and canals adjacent to 1205_04

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	10	0.34	0		5,569.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	7	2.80	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	7	147.33	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	320	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.80	0		240.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	2	0.50	0		3.00	ID	NA	☐	NA		

AUID 1205_SA5 Unnamed inlets and canals adjacent to AU 1205_05

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	12/1/2003	11/30/2010	290		3	4.6	5.00	SM	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	290		0		3.00	SR	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	302	28.62	0		126.00	SR	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	2874	1506.16	0		2,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	2758	634.92	0		1,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	2688	234.47	0		600.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA5** Unnamed inlets and canals adjacent to AU 1205_05

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA5** Unnamed inlets and canals adjacent to AU 1205_05

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	2.43	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	19	1.32	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	7	2.80	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	320	0.04	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1205_SA5** Unnamed inlets and canals adjacent to AU 1205_05

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	6	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	10	0.34	0		5,569.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	7	147.33	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	18	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	13	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.31	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	2	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.80	0		240.00	LD	NC	☐	NC		

SEGID 1205B Bee Creek (unclassified water body)

AUID 1205B_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	65		2	1.69	3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	65		2	1.69	2.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	66	47.76	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	64		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	65		0		1.95	AD	NC	☐	NC		

SEGID 1206 Brazos River Below Possum Kingdom Lake

AUID 1206_01 Portion of the Brazos River 100 meters (110 yards) upstream of FM 2580 in Parker County upstream to confluence with Rock Creek in Parker County.

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	12/1/2003	11/30/2010	107		1	4.86	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	107		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	4		0		30.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	8		0		380.63	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	13		0		4,698.67	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	11		0		451.05	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8		0		1,085.48	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	11		0		165.44	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	12		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	10		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	12		0		70.11	AD	FS	☐	FS		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4		0		136.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	11	0.21	0		1.98	AD	FS	☐	FS		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		64.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	8	2.49	0		211.66	LD	NC	☐	NC		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	4	0.10	0		30.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	13	5.00	0		318.02	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	11	0.15	0		7.28	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8	4.44	0		352.12	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206_01** Portion of the Brazos River 100 meters (110 yards) upstream of FM 2580 in Parker County upstream to confluence with Rock Creek in Parker County.

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
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	12	2.69	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	12	4.58	0		25.03	AD	FS	☐	FS		
Habitat	Habitat	12/1/2003	11/30/2010	2	15.71			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	25.30			29.00	AD	NS	☐	CN	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2003	11/30/2010	2	43.80			42.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	104	42.56	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	108		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	107		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	107		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	270	1580.33	0		2,300.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	272	800.89	0		1,020.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	268	313.28	0		500.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	104		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	103		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	2		0		0.69	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206_01** Portion of the Brazos River 100 meters (110 yards) upstream of FM 2580 in Parker County upstream to confluence with Rock Creek in Parker County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1,445.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		2,175.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		295.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.50	0		24.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		1,981.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		1,500,000.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.40	0		4.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		76.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		2,014.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		4,336.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	19	0.17	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	17	5.75	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		327.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		211.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		62.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206_01** Portion of the Brazos River 100 meters (110 yards) upstream of FM 2580 in Parker County upstream to confluence with Rock Creek in Parker County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		463.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	6	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		2,435.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	7	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	7	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	7	2.43	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		226.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		274.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206_02** Portion of Brazos River from confluence with Rock Creek upstream to confluence with Elm Creek in Palo Pinto County.

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	12/1/2003	11/30/2010	63		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	63		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	10		0		1,085.48	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	10		0		2,863.54	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	5		0		231.79	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	10		0		40.39	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	10		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	7		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	10		0		83.88	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	9		0		209.56	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	10	5.00	0		318.02	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	5	2.49	0		211.66	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	9	0.19	0		7.28	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	10	6.24	0		25.03	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	10	6.28	0		352.12	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	10	0.38	0		1.98	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	10	7.27	0		190.00	AD	FS	☐	FS		
Habitat	Habitat	12/1/2003	11/30/2010	5	17.50			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	5	25.90			29.00	AD	NS	☐	CN	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2003	11/30/2010	5	50.70			29.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206_02** Portion of Brazos River from confluence with Rock Creek upstream to confluence with Elm Creek in Palo Pinto County.

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	63	38.48	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	64		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	62		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	62		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	272	800.89	0		1,020.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	268	313.28	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	270	1580.33	0		2,300.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	63		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	3		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	2		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	64		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		76.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		2,175.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		295.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.50	0		24.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		7,143.00	LD	NC	☐	NC		

AUID 1206_02 Portion of Brazos River from confluence with Rock Creek upstream to confluence with Elm Creek in Palo Pinto County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		1,500,000.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		1,981.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		2,014.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1,445.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		4,336.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		463.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		327.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.40	0		4.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	17	5.75	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		274.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	19	0.17	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	6	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	7	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	7	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	7	2.43	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		553.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206_02** Portion of Brazos River from confluence with Rock Creek upstream to confluence with Elm Creek in Palo Pinto County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		211.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		226.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		2,435.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206_03** Portion of Brazos river from confluence with Elm Creek in Palo Pinto County upstream to Possum Kingdom Reservoir in Palo Pinto county.

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	12/1/2003	11/30/2010	96		5	2.94	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	96		2	0.5	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2		0		231.79	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,863.54	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		209.56	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		40.39	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		1,085.48	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		83.88	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2	1.45	0		211.66	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		318.02	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		352.12	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.98	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	3.57	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.15	0		7.28	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	4.31	0		25.03	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	96	14.51	0		126.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206_03** Portion of Brazos river from confluence with Elm Creek in Palo Pinto County upstream to Possum Kingdom Reservoir in Palo Pinto county.

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	12/1/2003	11/30/2010	97		1	33.6	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	97		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	97		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	268	313.28	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	270	1580.33	0		2,300.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	272	800.89	0		1,020.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	1		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	92		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	92		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	7	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	17	5.75	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		226.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		211.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	7	2.43	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	7	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		2,435.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206_03** Portion of Brazos river from confluence with Elm Creek in Palo Pinto County upstream to Possum Kingdom Reservoir in Palo Pinto county.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	6	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	19	0.17	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		327.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		274.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1,445.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		463.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		4,336.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		2,014.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.40	0		4.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		1,500,000.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		1,981.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.50	0		24.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		295.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		2,175.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		76.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		7,143.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206_03** Portion of Brazos river from confluence with Elm Creek in Palo Pinto County upstream to Possum Kingdom Reservoir in Palo Pinto county.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.50	0		1.50	ID	ND	☐	ND		

SEGID 1206D Palo Pinto Creek (unclassified water body)

AUID 1206D_01 Portion of Palo Pinto Creek from its confluence with the Brazos River upstream to Palo Pinto Reservoir Dam in Palo Pinto County.

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	12/1/2003	11/30/2010	56		4	3.92	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	56		1	2.6	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	3		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	3		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.33	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2	1.75	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	2.14	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	3	1.45	0		18.36	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	54	65.39	0		126.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206D_01** Portion of Palo Pinto Creek from its confluence with the Brazos River upstream to Palo Pinto Reservoir Dam in Palo Pinto County.

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	12/1/2003	11/30/2010	54		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	53		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	1		0		0.69	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.33	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	1	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	1	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	1	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206D_01** Portion of Palo Pinto Creek from its confluence with the Brazos River upstream to Palo Pinto Reservoir Dam in Palo Pinto County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	54	0.07	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	2	0.33	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	3	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	3	2.14	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	3	121.18	0		2,000.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206D_02** Portion of Palo Pinto Creek from the headwaters of Lake Palo Pinto upstream to the creek's headwaters within the city of Eastland, Palo Pinto County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	1	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.33	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	1	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	1	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	54	0.07	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	2	0.33	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	3	0.15	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1206D_02** Portion of Palo Pinto Creek from the headwaters of Lake Palo Pinto upstream to the creek's headwaters within the city of Eastland, Palo Pinto County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	3	121.18	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	3	2.14	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

SEGID 1206E Lake Mineral Wells (unclassified water body)

AUID 1206E_01 Entire water body

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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2003	11/30/2010						OE	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		1	0.55	0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

SEGID 1207 Possum Kingdom Lake

AUID 1207_01 Rock Creek arm of lake

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	240	1782.87	0		3,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	232	699.85	0		1,200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	236	292.55	0		500.00	AD	FS	☐	FS		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	5		5	475678		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		

AUID 1207_01 Rock Creek arm of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		

AUID 1207_01 Rock Creek arm of lake

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	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		

AUID 1207_01 Rock Creek arm of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	20	1.53	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	8	0.30	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	3.17	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1207_01** Rock Creek arm of lake

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	233	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	145.90	0		2,000.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	8	0.64	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1207_02 Deep Elm Creek arm

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	12/1/2003	11/30/2010	60		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	60		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		83.88	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		1,085.48	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,863.54	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.98	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	5.68	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		318.02	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		352.12	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	58	1.95	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	60		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	60		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	60		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	240	1782.87	0		3,500.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1207_02 Deep Elm Creek arm

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2003	11/30/2010	232	699.85	0		1,200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	236	292.55	0		500.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	57		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	59		13	43	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	57		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	53		1	0.32	0.20	AD	NC	☐	NC		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	4		4	430606		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		

AUID 1207_02 Deep Elm Creek arm

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		

AUID 1207_02 Deep Elm Creek arm

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	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		

AUID 1207_02 Deep Elm Creek arm

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	20	1.53	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	145.90	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		

AUID 1207_02 Deep Elm Creek arm

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	233	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	3.17	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	8	0.30	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	8	0.64	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1207_03** Portion of segment west of SH 16

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2003	11/30/2010	232	699.85	0		1,200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	236	292.55	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	240	1782.87	0		3,500.00	AD	FS	☐	FS		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	5		5	345618		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		

AUID 1207_03 Portion of segment west of SH 16

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		

AUID 1207_03 Portion of segment west of SH 16

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	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		

AUID 1207_03 Portion of segment west of SH 16

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	20	1.53	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	233	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	8	0.30	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	3.17	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	145.90	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1207_03** Portion of segment west of SH 16

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	8	0.64	0		240.00	LD	NC	☐	NC		

AUID 1207_04 Portion of lake containing Costello Island

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	236	292.55	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	240	1782.87	0		3,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	232	699.85	0		1,200.00	AD	FS	☐	FS		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	3		3	572809		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1207_04 Portion of lake containing Costello Island

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		

AUID 1207_04 Portion of lake containing Costello Island

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	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	20	1.53	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		

AUID 1207_04 Portion of lake containing Costello Island

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	8	0.30	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	3.17	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	145.90	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		

AUID **1207_04** Portion of lake containing Costello Island

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	233	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	8	0.64	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1207_05 Elm Creek arm of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	60		2	4.79	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	60		1	4.72	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		83.88	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		1,085.48	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,863.54	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		318.02	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		352.12	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	3.89	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.98	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	58	1.36	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	60		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	60		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	60		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	236	292.55	0		500.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1207_05** Elm Creek arm of segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	240	1782.87	0		3,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	232	699.85	0		1,200.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	58		10	42.96	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	53		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	57		1	0.82	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	57		0		0.05	AD	NC	☐	NC		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	3		3			OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1207_05** Elm Creek arm of segment

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		

AUID 1207_05 Elm Creek arm of segment

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	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		

AUID 1207_05 Elm Creek arm of segment

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	20	1.53	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	145.90	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1207_05** Elm Creek arm of segment

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	233	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	3.17	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	8	0.30	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	8	0.64	0		240.00	LD	NC	☐	NC		

AUID 1207_06 Veale creek arm of segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2003	11/30/2010	232	699.85	0		1,200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	236	292.55	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	240	1782.87	0		3,500.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		

AUID 1207_06 Veale creek arm of segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

AUID 1207_06 Veale creek arm of segment

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	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		

AUID 1207_06 Veale creek arm of segment

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	20	1.53	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	8	0.30	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	3.17	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	145.90	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	233	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		

AUID **1207_06** Veale creek arm of segment

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	8	0.64	0		240.00	LD	NC	☐	NC		

AUID 1207_07 Portion of lake adjacent to northeast corner of state park

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2003	11/30/2010	232	699.85	0		1,200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	236	292.55	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	240	1782.87	0		3,500.00	AD	FS	☐	FS		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	3		3	572744		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		

AUID 1207_07 Portion of lake adjacent to northeast corner of state park

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

AUID 1207_07 Portion of lake adjacent to northeast corner of state park

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	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	20	1.53	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		

AUID 1207_07 Portion of lake adjacent to northeast corner of state park

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	8	0.30	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	3.17	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	145.90	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		

AUID 1207_07 Portion of lake adjacent to northeast corner of state park

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	233	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	8	0.64	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1207_08 Caddo Creek arm of lake

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2003	11/30/2010	232	699.85	0		1,200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	236	292.55	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	240	1782.87	0		3,500.00	AD	FS	☐	FS		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	1		1	300225		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1207_08** Caddo Creek arm of lake

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		

AUID 1207_08 Caddo Creek arm of lake

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	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	20	1.53	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		

AUID 1207_08 Caddo Creek arm of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	8	0.30	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	3.17	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	145.90	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	233	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1207_08** Caddo Creek arm of lake

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	8	0.64	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1207_09** Portion of lake south of FM 2951

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	240	1782.87	0		3,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	232	699.85	0		1,200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	236	292.55	0		500.00	AD	FS	☐	FS		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	5		5	529399		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1207_09** Portion of lake south of FM 2951

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		

AUID 1207_09 Portion of lake south of FM 2951

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	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1207_09** Portion of lake south of FM 2951

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	20	1.53	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	8	0.30	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	3.17	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1207_09** Portion of lake south of FM 2951

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	145.90	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	233	0.04	0		10.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	8	0.64	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1207_10 Bluff Creek arm of lake

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	12/1/2003	11/30/2010	58		2	4.3	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	58		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		83.88	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		1,085.48	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,863.54	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.85	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		318.02	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.98	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		352.12	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	56	1.52	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	58		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	58		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	58		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	240	1782.87	0		3,500.00	AD	FS	☐	FS		

AUID 1207_10 Bluff Creek arm of lake

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	236	292.55	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	232	699.85	0		1,200.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	56		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	55		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	51		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	57		5	46.57	26.70	AD	NC	☐	NC		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	5		5	529399		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		

AUID 1207_10 Bluff Creek arm of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		

AUID 1207_10 Bluff Creek arm of lake

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	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

AUID 1207_10 Bluff Creek arm of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	20	1.53	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	3.17	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	8	0.30	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	145.90	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		

AUID 1207_10 Bluff Creek arm of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	233	0.04	0		10.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	8	0.64	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1207_11 Jewell Creek arm of lake

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	236	292.55	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	240	1782.87	0		3,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	232	699.85	0		1,200.00	AD	FS	☐	FS		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	5		5	529399		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1207_11 Jewell Creek arm of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		

AUID 1207_11 Jewell Creek arm of lake

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	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	20	1.53	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		

AUID 1207_11 Jewell Creek arm of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	8	0.30	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	3.17	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	145.90	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	233	0.04	0		10.00	AD	FS	☐	FS		

AUID 1207_11 Jewell Creek arm of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	8	0.64	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1207_12 Downstream portion of lake

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	12/1/2003	11/30/2010	59		4	4.63	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	59		2	4.73	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4		0		141.22	LD	NC	☐	NC		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4		0		136.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4		0		339.61	LD	NC	☐	NC		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	5		0		30.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	5		0		4,193.07	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		1,085.48	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	4		0		61.76	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	5		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	5		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		377.25	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	5	1.58	0		30.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4	3.80	0		211.66	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	5	5.00	0		318.02	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.15	0		7.28	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		352.12	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4	0.15	0		1.98	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	5	2.59	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		64.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	4	1.50	0		25.03	LD	NC	☐	NC		

AUID 1207_12 Downstream portion of lake

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	56	1.52	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	60		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	59		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	59		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	232	699.85	0		1,200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	236	292.55	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	240	1782.87	0		3,500.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	57		4	42.7	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	56		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	55		1	0.1	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	50		0		0.20	AD	NC	☐	NC		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	4		4	661749		OE	CN	☐	CN	harmful algal bloom/golden alga	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		

AUID 1207_12 Downstream portion of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		

AUID 1207_12 Downstream portion of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

AUID 1207_12 Downstream portion of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	20	1.53	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	145.90	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	3.17	0		10.00	LD	NC	☐	NC		

AUID 1207_12 Downstream portion of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	8	0.30	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	7	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	233	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	19	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	4	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	12	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	16	3.88	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	16	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	20	0.53	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	8	0.64	0		240.00	LD	NC	☐	NC		

SEGID 1208 Brazos River Above Possum Kingdom Lake

AUID 1208_01 Portion of segment from confluence with Possum Kingdom Reservoir headwaters upstream to confluence with Spring Branch in Young County.

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	12/1/2003	11/30/2010	23		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	23		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	6		0		190.48	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	7		0		217.52	LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	7		0		20.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	7		0		2,687.55	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	7		0		37.63	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	7		0		1,020.83	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	7		0		77.08	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	7		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	7		0		360.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	7	3.18	0		46.35	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	7	0.38	0		5.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	7	2.57	0		389.90	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	6	0.39	0		18.22	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	7	0.19	0		3.49	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	7	6.90	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	7	2.00	0		635.54	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	7	4.21	0		585.28	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_01** Portion of segment from confluence with Possum Kingdom Reservoir headwaters upstream to confluence with Spring Branch in Young County.

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	Manganese	12/1/2003	11/30/2010	2		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Iron	12/1/2003	11/30/2010	2		0		40,000.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2003	11/30/2010	2		0		459.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2003	11/30/2010	2		0		2.20	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2003	11/30/2010	2		0		1.06	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2003	11/30/2010	2		0		128.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2003	11/30/2010	2		0		149.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2003	11/30/2010	2		0		111.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2003	11/30/2010	2		0		4.98	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2003	11/30/2010	2		0		33.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2003	11/30/2010	2		0		48.60	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	3	20.27	0		200.00	SM	NA	☐	NA		
Bacteria Geomean	Enterococcus	12/1/2003	11/30/2010	1	310.00	1		33.00	JQ	NA	☑	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
Water Temperature	Temperature	12/1/2003	11/30/2010	23		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	23		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	23		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	164	5579.03	0		12,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	157	2755.47	0		5,000.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_01** Portion of segment from confluence with Possum Kingdom Reservoir headwaters upstream to confluence with Spring Branch in Young County.

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	154	963.06	0		2,000.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	22		2	4.33	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	23		1	0.46	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	22		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	23		4	1.18	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	21		12	35.33	14.10	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	8	0.10	0		4,336.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	8	0.50	0		2,175.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		956,663.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	8	0.50	0		295.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	8	0.50	0		24.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	8	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	8	7.50	0		1,500,000.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	8	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	8	0.10	0		1,445.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	3	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	8	0.40	0		1,981.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	8	0.50	0		76.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_01** Portion of segment from confluence with Possum Kingdom Reservoir headwaters upstream to confluence with Spring Branch in Young County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	8	1.00	0		2,014.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	11	0.50	0		513.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	8	0.40	0		274.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	8	0.10	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	35	0.38	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	8	0.40	0		4.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	8	0.10	0		463.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	31	9.43	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	8	0.10	0		327.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	11	0.50	0		29.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	11	1.73	0		5,201.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	11	0.50	0		553.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	8	0.50	0		226.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	6	0.50	0		211.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	8	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	8	0.10	0		2,435.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_02** Portion of segment from confluence with Spring Branch upstream to confluence with Fish Creek

USE **Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	57		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	57		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	11		0		872.12	AD	FS	☐	FS		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4		0		136.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	7		0		600.95	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	13		0		7,413.26	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	9		0		116.50	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8		0		1,959.19	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	13		0		296.75	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	14		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	13		1	3407	991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	4		0		30.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	13	5.62	0		585.28	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	7	5.93	0		389.90	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	13	0.17	0		3.49	AD	FS	☐	FS		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	4	0.10	0		30.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		64.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8	11.95	0		635.54	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	14	3.45	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	9	6.59	0		46.35	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	11	0.44	0		18.22	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_02** Portion of segment from confluence with Spring Branch upstream to confluence with Fish Creek

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	6	200.17	1		200.00	SM	CN	☐	CN	bacteria	
Bacteria Geomean	Enterococcus	12/1/2003	11/30/2010	2	46.48	1		33.00	JQ	NA	☑	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
Water Temperature	Temperature	12/1/2003	11/30/2010	58		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	58		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	58		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	164	5579.03	0		12,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	157	2755.47	0		5,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	154	963.06	0		2,000.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	55		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	56		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	8	7.50	0		1,500,000.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	8	0.50	0		2,175.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	8	0.50	0		295.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	8	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	8	0.40	0		1,981.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	8	0.40	0		4.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	8	0.10	0		1.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_02** Portion of segment from confluence with Spring Branch upstream to confluence with Fish Creek

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	8	1.00	0		2,014.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	8	0.10	0		1,445.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	8	0.10	0		4,336.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		956,663.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	8	0.50	0		76.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	3	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	11	1.73	0		5,201.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	8	0.10	0		327.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	8	0.40	0		274.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	8	0.10	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	35	0.38	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	8	0.10	0		2,435.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	8	0.10	0		463.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	11	0.50	0		29.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	8	0.50	0		24.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	11	0.50	0		553.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	31	9.43	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	8	0.50	0		226.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	6	0.50	0		211.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	8	0.50	0		7,143.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_02** Portion of segment from confluence with Spring Branch upstream to confluence with Fish Creek

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	11	0.50	0		513.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1208_03 From confluence with Fish Creek upstream to confluence with Boggy Creek

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	164	5579.03	0		12,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	157	2755.47	0		5,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	154	963.06	0		2,000.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	8	0.40	0		4.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	8	0.50	0		2,175.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		956,663.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	8	0.50	0		295.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	8	0.50	0		24.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	11	0.50	0		513.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	8	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	8	7.50	0		1,500,000.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	8	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	8	1.00	0		2,014.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	8	0.10	0		1,445.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	8	0.10	0		4,336.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	3	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	8	0.40	0		1,981.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		649.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_03** From confluence with Fish Creek upstream to confluence with Boggy Creek

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	31	9.43	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	8	0.10	0		327.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	8	0.40	0		274.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	11	1.73	0		5,201.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	35	0.38	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	8	0.50	0		76.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	8	0.10	0		2,435.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	11	0.50	0		29.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	11	0.50	0		553.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	8	0.50	0		226.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	6	0.50	0		211.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	8	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	8	0.10	0		463.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	8	0.10	0		62.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_04** From confluence with Boggy Creek upstream to confluence with Millers Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	13		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	13		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	4		0		79.67	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3		0		426.99	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	7		0		524.72	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	9		0		189.18	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	9		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	8		1	3311	991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	9		0		5,270.04	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8		0		1,959.19	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	4	6.03	0		46.35	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3	3.20	0		389.90	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	7	0.47	0		18.22	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8	10.28	0		635.54	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	9	0.17	0		3.49	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	9	4.12	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	9	6.60	0		585.28	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	6	127.17	0		200.00	SM	NC	☐	NC		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	13				33.00	JQ	NA	☑	NS	bacteria	5b

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_04** From confluence with Boggy Creek upstream to confluence with Millers Creek

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	13		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	13		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	13		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	157	2755.47	0		5,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	154	963.06	0		2,000.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	164	5579.03	0		12,000.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	13		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	8		1	16	14.10	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	13		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	8	0.50	0		2,175.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		956,663.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	8	0.50	0		295.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	8	0.50	0		24.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	8	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	8	0.40	0		1,981.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	3	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	8	0.40	0		4.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	8	0.10	0		1.00	LD	NC	☐	NC		

AUID 1208_04 From confluence with Boggy Creek upstream to confluence with Millers Creek

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	8	1.00	0		2,014.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	8	0.10	0		1,445.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	8	0.10	0		4,336.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	8	7.50	0		1,500,000.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	35	0.38	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	31	9.43	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	8	0.10	0		327.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	11	0.50	0		513.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	8	0.10	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	8	0.50	0		76.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	8	0.10	0		2,435.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	11	0.50	0		29.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	11	1.73	0		5,201.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	11	0.50	0		553.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	8	0.50	0		226.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	6	0.50	0		211.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	8	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	8	0.10	0		463.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	8	0.40	0		274.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_05** From confluence with Millers Creek upstream to confluence with Lake Creek

USE **Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	59		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	59		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	11		0		1,191.78	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	13		0		10,844.87	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	4		0		30.00	LD	NC	☐	NC		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4		0		136.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8		0		1,959.19	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	13		0		391.34	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	14		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	12		1	1296	991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	7		0		879.65	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	8		0		177.97	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	8	2.54	0		46.35	LD	NC	☐	NC		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		64.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	7	3.97	0		389.90	LD	NC	☐	NC		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	4	0.10	0		30.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	11	0.26	0		18.22	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8	12.58	0		635.54	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	13	0.15	0		3.49	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	14	4.96	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	13	7.64	0		585.28	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_05** From confluence with Millers Creek upstream to confluence with Lake Creek

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/1/2003	11/30/2010	15	127.21	1		33.00	AD	NS	☐	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
Water Temperature	Temperature	12/1/2003	11/30/2010	59		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	60		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	60		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	164	5579.03	0		12,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	157	2755.47	0		5,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	154	963.06	0		2,000.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	56		1	3.49	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	56		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	43		9	1.22	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	55		24	32.83	14.10	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	8	1.00	0		2,014.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	8	0.50	0		2,175.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		956,663.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	8	0.50	0		295.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	8	0.50	0		24.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	8	0.50	0		7,143.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_05** From confluence with Millers Creek upstream to confluence with Lake Creek

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	8	0.40	0		1,981.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	8	7.50	0		1,500,000.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	8	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	8	0.10	0		1,445.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	3	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	8	0.10	0		4,336.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	8	0.50	0		76.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	8	0.40	0		4.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	11	0.50	0		513.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	8	0.10	0		327.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	8	0.10	0		463.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	8	0.40	0		274.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	8	0.10	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	35	0.38	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	8	0.10	0		2,435.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	31	9.43	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	11	0.50	0		29.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	11	1.73	0		5,201.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	11	0.50	0		553.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	8	0.50	0		226.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	6	0.50	0		211.00	LD	NC	☐	NC		

AUID **1208_05** From confluence with Millers Creek upstream to confluence with Lake Creek

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	8	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		649.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_06** From confluence with Lake Creek upstream to the confluence with Salt and Double Mountain Forks of the Brazos River

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	164	5579.03	0		12,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	154	963.06	0		2,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	157	2755.47	0		5,000.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	8	7.50	0		1,500,000.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	3	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	8	0.50	0		2,175.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	8	0.50	0		295.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	8	0.50	0		24.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	8	0.40	0		1,981.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	8	0.40	0		4.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	8	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	8	1.00	0		2,014.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	8	0.10	0		1,445.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	8	0.10	0		4,336.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	8	0.50	0		76.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	8	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	35	0.38	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	6	0.50	0		956,663.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1208_06** From confluence with Lake Creek upstream to the confluence with Salt and Double Mountain Forks of the Brazos River

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	8	0.10	0		463.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	31	9.43	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	8	0.10	0		327.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	8	0.10	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	8	0.10	0		2,435.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	11	0.50	0		513.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	11	0.50	0		29.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	11	1.73	0		5,201.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	11	0.50	0		553.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	8	0.50	0		226.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	6	0.50	0		211.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	8	0.50	0		7,143.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	8	0.40	0		274.00	LD	NC	☐	NC		

SEGID 1208A Millers Creek Reservoir (unclassified water body)

AUID 1208A_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	2		1	2.47	5.00	ID	NA	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	2		1	2.47	3.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	2.15	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2	6.45	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	4.65	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	1	319.00	1		126.00	ID	NA	☐	CN	bacteria	

AUID **1208A_01** entire water body

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	1		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	1		0		0.05	ID	NA	☐	NA		

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		502.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1209 Navasota River Below Lake Limestone

AUID 1209_01 Portion of Navasota River from confluence with Brazos River upstream to confluence with Rocky Creek in grimes County.

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	12/1/2003	11/30/2010	27		4	4.29	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1		0		136.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3		0		19.12	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	3		0		11.74	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		39.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3		0		944.59	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	3		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		76.33	ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		64.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	7.22	0		75.38	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	3	5.03	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3	5.00	0		113.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.73	0		1.54	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	3	3.22	0		8.84	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	2.44	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		0.76	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_01** Portion of Navasota River from confluence with Brazos River upstream to confluence with Rocky Creek in grimes County.

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	26	85.24	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	28		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	28		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	28		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	91	43.75	0		140.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	93	41.47	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	94	255.94	0		600.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	26		13	4.18	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	26		10	0.76	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_01** Portion of Navasota River from confluence with Brazos River upstream to confluence with Rocky Creek in grimes County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	4.36	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.56	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1209_01 Portion of Navasota River from confluence with Brazos River upstream to confluence with Rocky Creek in grimes County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	3	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.56	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	4.36	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_01** Portion of Navasota River from confluence with Brazos River upstream to confluence with Rocky Creek in grimes County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	3	0.37	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.48	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.56	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	84	0.94	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	3	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_01** Portion of Navasota River from confluence with Brazos River upstream to confluence with Rocky Creek in grimes County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	107.20	0		2,000.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	1	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_02** Portion of Navasota River from confluence with Rocky Creek upstream to confluence with Sandy Branch in Grimes County.

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	12/1/2003	11/30/2010	25		4	4.1	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		1	2.4	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2		0		82.54	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		1,021.37	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		21.22	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		400.12	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		12.81	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		44.42	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		0.76	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		129.79	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	1.40	0		8.84	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.75	0		1.54	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		113.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2	4.35	0		75.38	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	2	22.00			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	32.40			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	50.70			42.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_02** Portion of Navasota River from confluence with Rocky Creek upstream to confluence with Sandy Branch in Grimes County.

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	260.00	1		200.00	SM	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	24	101.51	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	25		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	25		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	25		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	94	255.94	0		600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	91	43.75	0		140.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	93	41.47	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	1		1	0.98	0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	2		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	25		1	3.42	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		1	0.83	0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		200.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_02** Portion of Navasota River from confluence with Rocky Creek upstream to confluence with Sandy Branch in Grimes County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	4.36	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.56	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	3	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

AUID 1209_02 Portion of Navasota River from confluence with Rocky Creek upstream to confluence with Sandy Branch in Grimes County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	4.36	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.56	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_02** Portion of Navasota River from confluence with Rocky Creek upstream to confluence with Sandy Branch in Grimes County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	107.20	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	3	0.37	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.56	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	84	0.94	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	3	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_02** Portion of Navasota River from confluence with Rocky Creek upstream to confluence with Sandy Branch in Grimes County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.48	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	1	0.50	0		3.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_03** Portion of Navasota River from confluence with Sandy Branch upstream to confluence with Shepherd Branch in Madison County.

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	12/1/2003	11/30/2010	12		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	12		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		21.22	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		400.12	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		12.81	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		44.42	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		1,021.37	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		1.54	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		113.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		129.79	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		0.76	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	4.10	0		8.84	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	12	167.12	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	230.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	12		0		33.90	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_03** Portion of Navasota River from confluence with Sandy Branch upstream to confluence with Shepherd Branch in Madison County.

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
High pH	pH	12/1/2003	11/30/2010	12		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	12		2	6.32	6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	91	43.75	0		140.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	93	41.47	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	94	255.94	0		600.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	12		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	13		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	4.36	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_03** Portion of Navasota River from confluence with Sandy Branch upstream to confluence with Shepherd Branch in Madison County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.56	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	3	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_03** Portion of Navasota River from confluence with Sandy Branch upstream to confluence with Shepherd Branch in Madison County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	4.36	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.56	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.56	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	3	3.00	0		6.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_03** Portion of Navasota River from confluence with Sandy Branch upstream to confluence with Shepherd Branch in Madison County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	3	0.37	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.48	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	107.20	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	84	0.94	0		10.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	1	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_04** Portion of Navasota River from confluence with Shepherd Branch in Madison County upstream to confluence with Camp Creek in Robertson County.

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	94	255.94	0		600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	91	43.75	0		140.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	93	41.47	0		100.00	AD	FS	☐	FS		

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	4.36	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_04** Portion of Navasota River from confluence with Shepherd Branch in Madison County upstream to confluence with Camp Creek in Robertson County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.56	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	3	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		200.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_04** Portion of Navasota River from confluence with Shepherd Branch in Madison County upstream to confluence with Camp Creek in Robertson County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.56	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	4.36	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.56	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.48	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	107.20	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.15	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_04** Portion of Navasota River from confluence with Shepherd Branch in Madison County upstream to confluence with Camp Creek in Robertson County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	3	0.37	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	84	0.94	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	3	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	1	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_05** Portion of Navasota River from confluence with Camp Creek upstream to Lake Limestone Dam in Robertson County.

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	12/1/2003	11/30/2010	26		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	26		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		12.81	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		44.42	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		1,021.37	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		21.22	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		400.12	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	2.10	0		8.84	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.33	0		1.54	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		129.79	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		0.76	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		113.43	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	24	169.63	1		126.00	AD	NS	☐	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
Water Temperature	Temperature	12/1/2003	11/30/2010	26		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	26		0		9.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_05** Portion of Navasota River from confluence with Camp Creek upstream to Lake Limestone Dam in Robertson County.

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
Low pH	pH	12/1/2003	11/30/2010	26		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	93	41.47	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	94	255.94	0		600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	91	43.75	0		140.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	26		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	27		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		

AUID 1209_05 Portion of Navasota River from confluence with Camp Creek upstream to Lake Limestone Dam in Robertson County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	4.36	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.56	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	3	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		

AUID 1209_05 Portion of Navasota River from confluence with Camp Creek upstream to Lake Limestone Dam in Robertson County.

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.56	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	4.36	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209_05** Portion of Navasota River from confluence with Camp Creek upstream to Lake Limestone Dam in Robertson County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	3	0.37	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.48	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	107.20	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	84	0.94	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	3	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.56	0		1.15	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	1	0.50	0		3.00	ID	NA	☐	NA		

AUID 1209_06 Remainder of segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	94	255.94	0		600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	91	43.75	0		140.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	93	41.47	0		100.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		

AUID 1209_06 Remainder of segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	4.36	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.56	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	3	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	4.36	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

AUID 1209_06 Remainder of segment

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.56	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.48	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.56	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	8	107.20	0		2,000.00	LD	NC	☐	NC		

AUID 1209_06 Remainder of segment

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	3	0.37	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	84	0.94	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	3	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	1	0.50	0		3.00	ID	NA	☐	NA		

SEGID 1209A Country Club Lake (unclassified water body)

AUID 1209A_01 Entire reservoir

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	12/1/2003	11/30/2010	4		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	4		0		3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		33.97	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	4		1	1330	991.00	LD	NC	☑	PI	aluminum in water	
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4		0		69.05	LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	4		0		20.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	4		0		854.65	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	4		0		336.72	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4		0		16.73	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	4		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	4		0		10.51	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	4	0.11	0		5.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4	3.00	0		155.63	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	4	5.50	0		233.95	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.58	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	4	3.58	0		18.36	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	4	2.00	0		261.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4	0.06	0		1.49	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	4	32.10	0		190.00	LD	NC	☐	NC		

AUID 1209A_01 Entire reservoir

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	Nickel	12/1/2003	11/30/2010	20		0		48.60	AD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/1/2003	11/30/2010	16		0		31.30	AD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/1/2003	11/30/2010	16		0		62.90	AD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2003	11/30/2010	8		0		4.99	LD	NC	☐	NC		
Toxic Substances in sediment	alpha-BHC	12/1/2003	11/30/2010	16		0		100.00	AD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/1/2003	11/30/2010	20		0		40,000.00	AD	NC	☐	NC		
Toxic Substances in sediment	Antimony	12/1/2003	11/30/2010	16		0		25.00	AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2003	11/30/2010	20		2	675.5	459.00	AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2003	11/30/2010	4		0		2.20	LD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2003	11/30/2010	16		0		28.00	AD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/1/2003	11/30/2010	20		0		1,100.00	AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2003	11/30/2010	5		0		128.00	LD	NC	☐	NC		
Toxic Substances in sediment	Heptachlor epoxide	12/1/2003	11/30/2010	8		0		16.00	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2003	11/30/2010	20		7	61.36	33.00	AD	CS	☐	CS	arsenic in sediment	
Toxic Substances in sediment	Dieldrin	12/1/2003	11/30/2010	16		0		61.80	AD	NC	☐	NC		
Toxic Substances in sediment	Endrin	12/1/2003	11/30/2010	8		0		207.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2003	11/30/2010	20		2	157	149.00	AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2003	11/30/2010	4		0		111.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2003	11/30/2010	20		0		4.98	AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2003	11/30/2010	20		0		1.06	AD	NC	☐	NC		
LOE Toxic Sediment condition	Sediment Toxicity (LOE)	12/1/2003	11/30/2010	6		6			JQ	NS	☑	NS	toxicity in sediment	5c

AUID 1209A_01 Entire reservoir

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	4	10.66	0		126.00	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	4		3	0.14	0.05	LD	CS	☑	CS	orthophosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	4		1	38.3	26.70	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	4		0		0.11	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	4		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	4		1	0.32	0.20	LD	NC	☑	CS	total phosphorus	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	2.00	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.58	0		3.83	ID	NA	☐	NA		

SEGID 1209B Fin Feather Lake (unclassified water body)

AUID 1209B_01 Entire reservoir

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	12/1/2003	11/30/2010	4		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	4		0		3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		20.09	ID	NA	☐	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	2		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	DDT	12/1/2003	11/30/2010	2		0		1.10	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4		0		48.68	LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	4		0		20.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	4		0		602.77	LD	NC	☐	NC		
Acute Toxic Substances in water	Mercury	12/1/2003	11/30/2010	4		0		2.40	LD	NC	☐	NC		
Acute Toxic Substances in water	Heptachlor	12/1/2003	11/30/2010	2		0		0.52	ID	NA	☐	NA		
Acute Toxic Substances in water	Endrin	12/1/2003	11/30/2010	1		0		0.18	ID	NA	☐	NA		
Acute Toxic Substances in water	Dieldrin	12/1/2003	11/30/2010	2		0		2.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	4		0		7.12	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	4		0		240.14	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4		0		10.50	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	4		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	4		0		360.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	4	0.11	0		5.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	DDT	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		

AUID 1209B_01 Entire reservoir

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
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.52	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4	3.00	0		155.63	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	4	5.50	0		233.95	LD	NC	☐	NC		
Chronic Toxic Substances in water	Mercury	12/1/2003	11/30/2010	4	0.03	0		1.30	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	4	78.08	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Heptachlor	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4	0.09	0		1.49	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	4	2.00	0		261.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	2	0.00	0		0.08	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	4	2.68	0		18.36	LD	NC	☐	NC		
Chronic Toxic Substances in water	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Endrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2003	11/30/2010	9		0		4.99	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2003	11/30/2010	22		0		1.06	AD	NC	☐	NC		
Toxic Substances in sediment	alpha-BHC	12/1/2003	11/30/2010	18		0		100.00	AD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/1/2003	11/30/2010	22		0		40,000.00	AD	NC	☐	NC		
Toxic Substances in sediment	Antimony	12/1/2003	11/30/2010	18		1	43.7	25.00	AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2003	11/30/2010	22		11	664.82	459.00	AD	CS	☐	CS	zinc in sediment	
Toxic Substances in sediment	Silver	12/1/2003	11/30/2010	4		0		2.20	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2003	11/30/2010	22		0		48.60	AD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/1/2003	11/30/2010	18		0		62.90	AD	NC	☐	NC		

AUID 1209B_01 Entire reservoir

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	12/1/2003	11/30/2010	6		0		128.00	LD	NC	☐	NC		
Toxic Substances in sediment	Heptachlor epoxide	12/1/2003	11/30/2010	9		0		16.00	LD	NC	☐	NC		
Toxic Substances in sediment	Endrin	12/1/2003	11/30/2010	9		0		207.00	LD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/1/2003	11/30/2010	18		0		61.80	AD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2003	11/30/2010	18		6	41.17	28.00	AD	CS	☐	CS	DDD in sediment	
Toxic Substances in sediment	Copper	12/1/2003	11/30/2010	22		8	230.5	149.00	AD	CS	☐	CS	copper in sediment	
Toxic Substances in sediment	Chromium	12/1/2003	11/30/2010	4		1	119	111.00	LD	NC	☑	CS	chromium in sediment	
Toxic Substances in sediment	DDE	12/1/2003	11/30/2010	18		12	53.83	31.30	AD	CS	☐	CS	DDE in sediment	
Toxic Substances in sediment	Cadmium	12/1/2003	11/30/2010	22		0		4.98	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2003	11/30/2010	22		21	100	33.00	AD	CS	☐	CS	arsenic in sediment	
Toxic Substances in sediment	Manganese	12/1/2003	11/30/2010	22		0		1,100.00	AD	NC	☐	NC		
LOE Toxic Sediment condition	Sediment Toxicity (LOE)	12/1/2003	11/30/2010	6		5			JQ	NS	☑	NS	toxicity in sediment	5c

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	4	1.90	0		126.00	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	4		0		0.20	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	4		2	41.1	26.70	LD	CS	☑	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	4		1	0.12	0.05	LD	NC	☑	CS	orthophosphorus	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	4		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	4		1	0.26	0.11	LD	NC	☐	NC		

AUID **1209B_01** Entire reservoir

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.52	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/1/2003	11/30/2010	2	0.00	0		0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/1/2003	11/30/2010	2	0.00	0		0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	2.00	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Mercury	12/1/2003	11/30/2010	4	0.01	0		0.01	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	1	0.00	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/1/2003	11/30/2010	2	0.00	0		0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	2	0.00	0		6.20	ID	NA	☐	NA		

SEGID 1209C Carters Creek (unclassified water body)

AUID 1209C_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	39		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	39		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	3		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	3		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3		0		55.70	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	4.57	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	3	5.70	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.83	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3	22.43	0		155.63	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	2	17.00			14.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	22.30			22.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1209C_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Community	Fish Community	12/1/2003	11/30/2010	2	42.30			36.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	39	567.57	1		126.00	AD	NS	☐	NS	bacteria	5a
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	2	800.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	40		35	10.63	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	37		32	2.15	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	34		27	2.54	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	39		13	25.42	14.10	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.83	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		49.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209C_01** Entire water body

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		513.00	LD	NC	☐	NC		

SEGID 1209D Country Club Branch (unclassified water body)

AUID 1209D_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	3		0		3.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	3		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		69.16	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2		0		110.82	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		1,370.63	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		17.78	ID	NA	☑	PI	copper in water	
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		31.41	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		531.92	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	2		0		20.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	2.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2	5.20	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	2	0.16	0		5.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.50	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	4.25	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.05	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	85.95	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.50	0		4.58	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209D_01** Entire water body

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	2	360.00	1		126.00	ID	NA	☑	NS	bacteria	5a

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	12/1/2003	11/30/2010	2		1	21.4	14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	2		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	2		0		1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	2		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	2		0		0.33	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	2.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.50	0		3.83	ID	NA	☐	NA		

SEGID 1209E Wickson Creek (unclassified water body)

AUID 1209E_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	11		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	11		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	3.25	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.95	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	5.10	0		155.63	ID	NA	☐	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	24		9	3408.58	394.00	SM	NS	☐	NA	bacteria	5b

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209E_01** Entire water body

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	2	438.18	1		200.00	SM	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	12	499.97	1		126.00	AD	NS	☐	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	12/1/2003	11/30/2010	10		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	12		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.95	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		

SEGID 1209G Cedar Creek (unclassified water body)

AUID 1209G_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		5	4.26	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	3		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2		0		170.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	2.05	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2	11.10	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	18.15	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	2.08	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	3	2.01	0		18.36	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	2	18.80			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	35.10			29.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209G_01** Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Community	Fish Community	12/1/2003	11/30/2010	2	45.40			42.00	AD	FS	☐	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	31		14	4625.41	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	25	314.60	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	2	663.32	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	15		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	13		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	2.05	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	18.15	0		502.00	ID	NA	☐	NA		

SEGID 1209H Duck Creek (unclassified water body)

AUID 1209H_01 Portion of Duck Creek from confluence with Navasota River upstream to confluence with Mineral Creek in Robertson County.

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	12/1/2003	11/30/2010	36		14	3.13	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	34		6	2.28	3.00	AD	NS	☐	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	4		2	2.45	5.00	SM	CN	☐	CN	depressed dissolved oxygen	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	4		2	2.15	3.00	SM	CN	☐	CN	depressed dissolved oxygen	
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.50	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	1.33	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	4	19.80			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	4	31.90			29.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209H_01** Portion of Duck Creek from confluence with Navasota River upstream to confluence with Mineral Creek in Robertson County.

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
Fish Community	Fish Community	12/1/2003	11/30/2010	4	42.30			42.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	25	344.60	1		126.00	AD	NS	☐	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	Total Phosphorus	12/1/2003	11/30/2010	26		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	27		0		14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	31		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	30		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	17		0		0.33	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	5	0.84	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	2	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209H_02** Portion of Duck Creek from confluence with Mineral Creek in Robertson County upstream to headwaters in Limestone County.

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	12/1/2003	11/30/2010	14		9	3.37	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		4	2.36	3.00	AD	NS	☐	NS	depressed dissolved oxygen	5c
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	3		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	3	2.28	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	1.06	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	1.83	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	7.30	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	12	226.85	1		126.00	AD	NS	☐	NS	bacteria	5b

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209H_02** Portion of Duck Creek from confluence with Mineral Creek in Robertson County upstream to headwaters in Limestone County.

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	12/1/2003	11/30/2010	14		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	14		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	5	0.84	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	2	5.00	0		1,071.00	ID	NA	☐	NA		

SEGID 1209I Gibbons Creek (unclassified water body)

AUID 1209I_01 Portion of Gibbons Creek from confluence with Navasota River upstream to confluence with Dry Creek in Grimes County.

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	12/1/2003	11/30/2010	25		6	2.46	3.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		1	1.7	2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		806.38	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.33	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	44.70	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.23	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	3.05	0		18.36	ID	NA	☐	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	28		10	1784.41	394.00	SM	NS	☐	NA	bacteria	5b

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209I_01** Portion of Gibbons Creek from confluence with Navasota River upstream to confluence with Dry Creek in Grimes County.

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	24	264.01	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	2	164.92	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	18		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	16		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	18		5	20.29	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	16		0		0.69	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.33	0		3.83	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209I_02** Portion of Gibbons Creek from confluence with Dry Creek upstream to Gibbons Creek Reservoir dam in Grimes County

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	12/1/2003	11/30/2010	31		2	2	3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	31		1	1.2	2.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	5		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	5		0		2.00	TR	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	25	161.80	1		126.00	AD	NS	☐	CN	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	Nitrate	12/1/2003	11/30/2010	19		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	19		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	5		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	17		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	19		4	34.45	14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		

AUID **1209I_02** Portion of Gibbons Creek from confluence with Dry Creek upstream to Gibbons Creek Reservoir dam in Grimes County

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.33	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		

AUID **1209I_03** Portion of Gibbons Creek from confluence with Gibbons Creek Reservoir headwaters, upstream to headwaters of water body, in Grimes County

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.33	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		

SEGID 1209J Shepherd Creek (unclassified water body)

AUID 1209J_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	3		0		2.00	ID	NA	☑	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	3		0		1.50	ID	NA	☐	CN	depressed dissolved oxygen	

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						SM	NA	☑	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	3	3421.43	1		126.00	JQ	NA	☑	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010					33.00	SM	NA	☑	NS	bacteria	5b

SEGID 1209K Steele Creek (unclassified water body)

AUID 1209K_02 Portion of Steele Creek from confluence with Willow Creek upstream to headwaters in Limestone County.

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	12/1/2003	11/30/2010	15		0		2.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	15		0		1.50	TR	NA	☐	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	Fecal coliform	12/1/2001	11/30/2008						SM	NA	☑	NA	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010					33.00	SM	NA	☑	NS	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	15	320.74	1		126.00	JQ	NA	☑	NS	bacteria	5b

SEGID 1209L Burton Creek (unclassified water body)

AUID 1209L_01 From confluence with Carters Creek in College Station upstream to un-named tributary, 0.5 km downstream of E. 29th Street.

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	12/1/2003	11/30/2010	12		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	12		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	1.60	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	21.90	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	5.90	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	3.80	0		18.36	ID	NA	☐	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	27		14	5035.59	394.00	SM	NS	☐	NA	bacteria	5a

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209L_01** From confluence with Carters Creek in College Station upstream to un-named tributary, 0.5 km downstream of E. 29th Street.

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	10	513.54	1		126.00	AD	NS	☐	NS	bacteria	5a
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	360.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	12		11	11.51	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	12		11	2.42	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	1		1	2.17	0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	1.60	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	15.89	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	1	5.00	0		5,201.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1209L_02** From confluence with un-named tributary 0.5 km downstream of E. 29th St. upstream to creek headwaters in Bryan.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	1.60	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	1	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	15.89	0		7,143.00	ID	NA	☐	NA		

SEGID 1209O Normangee Lake (unclassified water body)

AUID 1209O_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	DDT	12/1/2003	11/30/2010	1		0		1.10	ID	NA	☐	NA		
Acute Toxic Substances in water	Endrin	12/1/2003	11/30/2010	1		0		0.18	ID	NA	☐	NA		
Acute Toxic Substances in water	Heptachlor	12/1/2003	11/30/2010	1		0		0.52	ID	NA	☐	NA		
Acute Toxic Substances in water	Dieldrin	12/1/2003	11/30/2010	1		0		2.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/1/2003	11/30/2010	1		0		2.40	ID	NA	☐	NA		
Chronic Toxic Substances in water	DDT	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/1/2003	11/30/2010	1	0.01	0		1.30	ID	NA	☐	NA		
Chronic Toxic Substances in water	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Endrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Dieldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Toxic Substances in sediment	Endrin	12/1/2003	11/30/2010	9		0		207.00	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2003	11/30/2010	18		0		1.06	AD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2003	11/30/2010	9		0		4.99	LD	NC	☐	NC		
Toxic Substances in sediment	alpha-BHC	12/1/2003	11/30/2010	18		0		100.00	AD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/1/2003	11/30/2010	18		1	44100	40,000.00	AD	NC	☐	NC		
Toxic Substances in sediment	Antimony	12/1/2003	11/30/2010	18		0		25.00	AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2003	11/30/2010	18		0		459.00	AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2003	11/30/2010	18		0		48.60	AD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/1/2003	11/30/2010	18		0		62.90	AD	NC	☐	NC		

AUID 1209O_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Manganese	12/1/2003	11/30/2010	18		0		1,100.00	AD	NC	☐	NC		
Toxic Substances in sediment	Heptachlor epoxide	12/1/2003	11/30/2010	9		0		16.00	LD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/1/2003	11/30/2010	18		0		31.30	AD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/1/2003	11/30/2010	18		0		61.80	AD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2003	11/30/2010	18		0		28.00	AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2003	11/30/2010	18		0		149.00	AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2003	11/30/2010	18		0		4.98	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2003	11/30/2010	18		7	39.54	33.00	AD	CS	☐	CS	arsenic in sediment	
Toxic Substances in sediment	Lead	12/1/2003	11/30/2010	2		0		128.00	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Mercury	12/1/2003	11/30/2010	1	0.01	0		0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/1/2003	11/30/2010	1	0.00	0		0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	1	0.00	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/1/2003	11/30/2010	1	0.00	0		0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		

SEGID 1209P Clear Creek (unclassified water body)

AUID 1209P_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	4		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	4		0		3.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	4		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	4		0		3.00	LD	NC	☐	NC		
Habitat	Habitat	12/1/2003	11/30/2010	4	20.30			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	4	36.40			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	4	46.20			42.00	AD	FS	☐	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	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	4		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	4		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	4		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	4		0		0.37	LD	NC	☐	NC		

SEGID 1210 Lake Mexia

AUID 1210_01 Eastern end of reservoir, from dam to RR 2681 east of Washington Park

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	12/1/2003	11/30/2010	32		7	4.06	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	32		1	2.93	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	24		1	1150	991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	24		0		124.65	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	24		0		20.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	24		0		82.51	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	24		0		1,541.33	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	24		0		595.93	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	24		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	18		0		20.26	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	24		0		36.73	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	24	2.88	0		75.38	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	24	2.74	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	24	0.09	0		0.76	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	24	2.00	0		129.79	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	18	1.90	0		8.84	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	24	0.19	0		1.54	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	24	3.11	0		113.43	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	24	0.13	0		5.00	AD	FS	☐	FS		

AUID 1210_01 Eastern end of reservoir, from dam to RR 2681 east of Washington Park

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	31	10.95	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	32		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	32		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	32		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	43	167.54	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	41	8.84	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	42	11.61	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	32		4	0.65	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	32		24	0.11	0.05	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	31		8	0.15	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	32		9	0.24	0.20	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	32		18	49.63	26.70	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	27	0.10	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	27	0.22	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	27	1.98	0		62.00	AD	FS	☐	FS		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	27	0.14	0		50.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1210_01** Eastern end of reservoir, from dam to RR 2681 east of Washington Park

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	27	2.93	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	27	0.10	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	39	0.13	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	27	0.22	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	39	0.14	0		10.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	7	0.08	0		2.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	7	0.24	0		3.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1210_02** Western end, from point where reservoir begins to widen, to upper end

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	12/1/2003	11/30/2010	7		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	7		0		3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		62.93	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	3		0		20.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3		0		104.08	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3		0		1,287.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	3		0		16.58	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	3		0		500.61	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3		0		28.89	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	3		1	1240	991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3	0.05	0		0.76	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	3	0.20	0		5.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3	3.33	0		75.38	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3	6.50	0		113.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	3	1.83	0		129.79	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	3.28	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	3	3.10	0		8.84	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.50	0		1.54	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2003	11/30/2010	1		0		161.06	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2003	11/30/2010	1		0		5,310.00	ID	NA	☐	NA		

AUID 1210_02 Western end, from point where reservoir begins to widen, to upper end

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	Di-n-butyl phthalate	12/1/2003	11/30/2010	1		0		43.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2003	11/30/2010	1		0		1,050.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1		0		350.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2003	11/30/2010	1		0		1,520.00	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2003	11/30/2010	1		0		1,170.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2003	11/30/2010	1		0		561.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2003	11/30/2010	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1		0		550.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2003	11/30/2010	1		0		130.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		240.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2003	11/30/2010	1		0		89.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2003	11/30/2010	1		0		845.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2003	11/30/2010	1		0		1,450.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2003	11/30/2010	1		0		1,290.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2003	11/30/2010	1		0		140.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2003	11/30/2010	1		0		2,230.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2003	11/30/2010	1		0		536.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2003	11/30/2010	1		0		4,650.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	7	12.25	0		126.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1210_02** Western end, from point where reservoir begins to widen, to upper end

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	12/1/2003	11/30/2010	7		0		32.20	LD	NC	☐	NC		
High pH	pH	12/1/2003	11/30/2010	7		0		9.00	LD	NC	☐	NC		
Low pH	pH	12/1/2003	11/30/2010	7		0		6.50	LD	NC	☐	NC		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	41	8.84	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	42	11.61	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	43	167.54	0		400.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	7		1	0.66	0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	7		7	0.15	0.05	LD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	7		1	0.18	0.11	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	7		6	0.28	0.20	LD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	7		4	60.05	26.70	LD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	27	1.98	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	27	0.22	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	27	0.10	0		5.00	AD	FS	☐	FS		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	27	0.10	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	39	0.13	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	27	0.22	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	39	0.14	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1210_02** Western end, from point where reservoir begins to widen, to upper end

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	27	0.14	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	27	2.93	0		10.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	7	0.24	0		3.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	7	0.08	0		2.00	LD	NC	☐	NC		

SEGID 1210A Navasota River above Lake Mexia (unclassified water body)

AUID 1210A_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	10		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	10		0		1.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.33	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	5.30	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	2.30	0		18.36	ID	NA	☐	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	24		9	1964.18	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	8	130.61	1		126.00	LD	CN	☑	NS	bacteria	5b

AUID **1210A_01** Entire water body

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	10		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	10		0		0.37	AD	NC	☐	NC		

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.33	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		

SEGID 1211 Yegua Creek

AUID 1211_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	28		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	28		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1		0		136.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.25	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		64.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	2.50	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	1.93	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	1.24	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	0.10	0		30.00	ID	NA	☐	NA		

AUID 1211_01 Entire segment

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	27	84.57	0		126.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	580.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	28		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	27		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	27		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	28	338.23	0		640.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	27	68.04	0		130.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	28	75.95	0		140.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	26		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	27		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		

AUID 1211_01 Entire segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	2.75	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.25	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	3.88	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		

AUID 1211_01 Entire segment

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.63	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	2	2.75	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1211_01** Entire segment

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	2	1.93	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	2	75.14	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	2	0.25	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	4	3.88	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	27	0.15	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

SEGID 1211A Davidson Creek (unclassified water body)

AUID 1211A_01 Portion of Davidson Creek from confluence with Yegua Creek upstream to unnamed tributary (NHD RC 12070102001903) in Burleson County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.50	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1211A_02** Portion of Davidson Creek from confluence with unnamed tributary (NHD RC 12070102001903) upstream to headwaters in Milam County.

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	12/1/2003	11/30/2010	17		3	3.2	4.00	SM	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	17		0		3.00	SM	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	5		1	3.6	4.00	LD	NC	☑	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	5		0		3.00	LD	NC	☑	NS	depressed dissolved oxygen	5b
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	0.60	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.50	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	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	29		20	2580.19	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	12	1357.62	1		126.00	AD	NS	☐	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	12/1/2003	11/30/2010	18		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	18		0		14.10	AD	NC	☐	NC		

AUID 1211A_02 Portion of Davidson Creek from confluence with unnamed tributary (NHD RC 12070102001903) upstream to headwaters in Milam County.

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	12/1/2003	11/30/2010	18		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	6		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	18		0		0.69	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.50	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1212 Somerville Lake

AUID 1212_01 Eastern end of reservoir near 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	12/1/2003	11/30/2010	39		3	3.9	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	39		1	2.98	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	14		1	4.8	5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	14		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	17		0		77.04	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	14		0		19.26	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	19		0		1,472.57	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	19		0		119.08	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	18		0		34.56	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	18		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	19		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	20		0		20.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	19		0		570.18	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	14	1.31	0		14.35	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	20	0.13	0		5.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	17	0.16	0		3.18	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	19	2.00	0		121.97	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	19	2.00	0		206.67	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	18	0.14	0		1.19	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1212_01** Eastern end of reservoir near 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
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	18	2.45	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	19	2.50	0		183.41	AD	FS	☐	FS		
Toxic Substances in sediment	Silver	12/1/2003	11/30/2010	9		0		2.20	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2003	11/30/2010	9		0		1.06	LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/1/2003	11/30/2010	9		0		1,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2003	11/30/2010	4		0		561.00	LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2003	11/30/2010	4		0		1,170.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2003	11/30/2010	9		0		48.60	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2003	11/30/2010	9		0		459.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1		0		350.00	ID	NA	☐	NA		
Toxic Substances in sediment	Iron	12/1/2003	11/30/2010	9		0		40,000.00	LD	NC	☐	NC		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2003	11/30/2010	4		0		1,050.00	LD	NC	☐	NC		
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/2003	11/30/2010	1		0		43.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2003	11/30/2010	1		0		5,310.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2003	11/30/2010	9		0		128.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/1/2003	11/30/2010	1		0		161.06	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2003	11/30/2010	4		0		1,450.00	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/1/2003	11/30/2010	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2003	11/30/2010	1		0		4,650.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2003	11/30/2010	4		0		89.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/1/2003	11/30/2010	4		0		130.00	LD	NC	☐	NC		

AUID 1212_01 Eastern end of reservoir near 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
Toxic Substances in sediment	Arsenic	12/1/2003	11/30/2010	9		0		33.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2003	11/30/2010	9		0		4.98	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2003	11/30/2010	9		0		111.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2003	11/30/2010	4		0		1,290.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2003	11/30/2010	9		0		149.00	LD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/1/2003	11/30/2010	4		0		1,520.00	LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2003	11/30/2010	4		0		140.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/1/2003	11/30/2010	4		0		2,230.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/1/2003	11/30/2010	4		0		536.00	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1		0		550.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2003	11/30/2010	4		0		845.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	27	2.73	0		126.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	1.00	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	40		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	39		3	9.25	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	39		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	81	52.06	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	79	60.96	0		100.00	AD	FS	☐	FS		

AUID 1212_01 Eastern end of reservoir near dam

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	156	312.86	0		400.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	26		1	0.06	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	25		2	0.23	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	25		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	23		18	56.02	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	28		0		0.37	AD	NC	☐	NC		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010						OE	NC	☐	NC		
Continuous pH Daily Maximum	Continuous pH	12/1/2003	11/30/2010	14		5	9.3	9.00	AD	NS	☐	NS	pH	5c

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	17	0.16	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	19	2.00	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	18	0.14	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		

AUID 1212_01 Eastern end of reservoir near 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	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	24	0.13	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1212_01** Eastern end of reservoir near dam

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	84	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	17	0.16	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	75	0.13	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	18	0.14	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	18	2.17	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1212_02 Northern arm of reservoir near town of Somerville

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	79	60.96	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	156	312.86	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	81	52.06	0		100.00	AD	FS	☐	FS		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010						OE	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	19	2.00	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	17	0.16	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	18	0.14	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		

AUID 1212_02 Northern arm of reservoir near town of Somerville

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	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	17	0.16	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	84	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	24	0.13	0		50.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1212_02** Northern arm of reservoir near town of Somerville

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	75	0.13	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	18	0.14	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	18	2.17	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1212_03 Middle of reservoir near Birch Creek State Park

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	12/1/2003	11/30/2010	49		4	4.78	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	49		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	21		0		5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	21		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	2		0		20.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	2	0.12	0		5.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1		0		550.00	ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/2003	11/30/2010	1		0		43.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2003	11/30/2010	1		0		1,050.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2003	11/30/2010	1		0		89.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2003	11/30/2010	1		0		1,520.00	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2003	11/30/2010	1		0		1,170.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2003	11/30/2010	1		0		561.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2003	11/30/2010	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2003	11/30/2010	1		0		536.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2003	11/30/2010	1		0		2,230.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2003	11/30/2010	1		0		140.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2003	11/30/2010	1		0		1,290.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2003	11/30/2010	1		0		1,450.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2003	11/30/2010	1		0		130.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2003	11/30/2010	1		0		161.06	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1212_03 Middle of reservoir near Birch Creek State Park

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	Anthracene	12/1/2003	11/30/2010	1		0		845.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	32	4.48	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	49		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	49		2	9.25	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	49		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	156	312.86	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	81	52.06	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	79	60.96	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	34		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	27		24	62.35	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	30		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	32		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	34		3	0.17	0.11	AD	NC	☐	NC		
Continuous pH Daily Maximum	Continuous pH	12/1/2003	11/30/2010	24		6	9.1	9.00	AD	NS	☐	NS	pH	5c

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	18	0.14	0		5.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1212_03 Middle of reservoir near Birch Creek State Park

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	19	2.00	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	17	0.16	0		1.15	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1212_03** Middle of reservoir near Birch Creek State Park

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	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	24	0.13	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	84	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	17	0.16	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	75	0.13	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	18	0.14	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	18	2.17	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1212_04** Western end of reservoir near upper segment boundary

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	12/1/2003	11/30/2010	24		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	4		0		5.00	SM	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	4		0		3.00	SM	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	2		0		20.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	2	0.16	0		5.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	19	3.64	0		126.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	1.00	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	24		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	24		1	9.1	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	24		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	156	312.86	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	81	52.06	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	79	60.96	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	18		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	18		6	0.08	0.05	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	15		1	0.19	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	17		0		0.20	AD	NC	☐	NC		

AUID 1212_04 Western end of reservoir near upper segment boundary

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	12/1/2003	11/30/2010	18		16	58.81	26.70	AD	CS	☐	CS	chlorophyll-a	
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010						OE	NC	☐	NC		
Continuous pH Daily Maximum	Continuous pH	12/1/2003	11/30/2010	4		0			LD	NC	☑	NS	pH	5c

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	17	0.16	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	19	2.00	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	18	0.14	0		5.00	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		

AUID 1212_04 Western end of reservoir near upper segment boundary

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 epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	24	0.13	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	84	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	17	0.16	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	75	0.13	0		4.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1212_04** Western end of reservoir near upper segment boundary

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	18	0.14	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	18	2.17	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

SEGID 1212A Middle Yegua Creek (unclassified water body)

AUID 1212A_01 From confluence with East Yegua Creek upstream to confluence with West Yegua Creek in Lee County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		502.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1212A_02** From confluence with West Yegua Creek upstream to headwaters of water body in Williamson County.

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	12/1/2003	11/30/2010	16		3	4.08	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	16		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	1.90	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	13.04	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	0.86	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.15	0		4.58	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	5	16.80			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	5	28.50			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	5	41.80			42.00	AD	FS	☐	CN	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	14		8	1328.75	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	14	428.69	1		126.00	AD	NS	☐	NS	bacteria	5b

AUID **1212A_02** From confluence with West Yegua Creek upstream to headwaters of water body in Williamson County.

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	12/1/2003	11/30/2010	15		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	16		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.15	0		3.83	ID	NA	☐	NA		

SEGID 1212B East Yegua Creek (unclassified water body)

AUID 1212B_01 Portion of East Yegua Creek from confluence with Middle Yegua Creek in Burleson County upstream to confluence with Allen Creek in Lee County.

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	12/1/2003	11/30/2010	16		1	4.1	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	16		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	14	199.48	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	21		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	19		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	21		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	19		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	16		1	17	14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1212B_01** Portion of East Yegua Creek from confluence with Middle Yegua Creek in Burleson County upstream to confluence with Allen Creek in Lee County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1212B_02** Portion of East Yegua Creek from confluence with Allen Creek in Lee County upstream to headwaters in Milam County.

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	12/1/2003	11/30/2010	15		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	15		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	0.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	0.70	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	15	22.67	0		126.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	230.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	14		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	14		0		0.37	AD	NC	☐	NC		

AUID **1212B_02** Portion of East Yegua Creek from confluence with Allen Creek in Lee County upstream to headwaters in Milam County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		

SEGID 1213 Little River

AUID 1213_01 From the confluence with Brazos River upstream to confluence with City of Cameron WWTP receiving water

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	12/1/2003	11/30/2010	59		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	59		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		30.55	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		143.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		851.51	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		60.04	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,228.41	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.92	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.57	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		276.22	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	2.73	0		19.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.33	0		4.99	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		247.48	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	2	23.00			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	34.00			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	43.30			42.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	60	142.85	1		126.00	AD	NS	☐	NS	bacteria	5c

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1213_01** From the confluence with Brazos River upstream to confluence with City of Cameron WWTP receiving water

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	12/1/2003	11/30/2010	61		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	60		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	60		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	125	335.14	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	110	38.11	0		75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	108	32.84	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	52		3	0.94	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	58		17	36.97	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	3		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	58		6	0.78	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	57		24	3.26	1.95	AD	CS	☐	CS	nitrate	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2003	11/30/2010	3	0.06	0		0.33	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	3	0.50	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		

AUID 1213_01 From the confluence with Brazos River upstream to confluence with City of Cameron WWTP receiving water

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	4	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	4	0.24	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2003	11/30/2010	3	0.03	0		0.07	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1213_01** From the confluence with Brazos River upstream to confluence with City of Cameron WWTP receiving water

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	3	0.06	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	3	0.50	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	3	1.06	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Endrin	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Aldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	4	2.85	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	1	81.60	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzo(a)pyrene	12/1/2003	11/30/2010	3	0.03	0		0.07	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	91	1.90	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Dieldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	3	0.33	0		4.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor epoxide	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	4	0.24	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methoxychlor	12/1/2003	11/30/2010	3	0.06	0		0.33	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1213_01** From the confluence with Brazos River upstream to confluence with City of Cameron WWTP receiving water

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	4	0.15	0		5.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	17	0.05	0		2.00	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1213_02 From the City of Cameron WWTP receiving water upstream to the confluence with the San Gabriel River

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	16		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	16		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aldrin	12/1/2003	11/30/2010	3		0		3.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Dieldrin	12/1/2003	11/30/2010	3		0		2.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Endrin	12/1/2003	11/30/2010	3		0		0.18	ID	NA	☐	NA		
Acute Toxic Substances in water	Heptachlor	12/1/2003	11/30/2010	3		0		0.52	ID	NA	☐	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	3		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	3		0		30.30	ID	NA	☐	NA		
Chronic Toxic Substances in water	Dieldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	3	0.53	0		11.57	ID	NA	☐	NA		
Chronic Toxic Substances in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	3	0.04	0		0.08	ID	NA	☐	NA		
Chronic Toxic Substances in water	Methoxychlor	12/1/2003	11/30/2010	3	0.02	0		0.03	ID	NA	☐	NA		
Chronic Toxic Substances in water	Endrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Heptachlor	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	3	120.62	0		126.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	17		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	17		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	17		0		6.50	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1213_02 From the City of Cameron WWTP receiving water upstream to the confluence with the San Gabriel River

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	125	335.14	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	110	38.11	0		75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	108	32.84	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	3		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	3		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	3		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	3		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	3		1	3.33	1.95	ID	NA	☑	CS	nitrate	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	3	0.50	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2003	11/30/2010	3	0.06	0		0.33	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		

AUID 1213_02 From the City of Cameron WWTP receiving water upstream to the confluence with the San Gabriel River

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2003	11/30/2010	3	0.03	0		0.07	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	3	0.50	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	3	0.06	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	3	1.06	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1213_02** From the City of Cameron WWTP receiving water upstream to the confluence with the San Gabriel River

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	91	1.90	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Methoxychlor	12/1/2003	11/30/2010	3	0.06	0		0.33	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor epoxide	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Aldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	3	0.33	0		4.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Endrin	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Dieldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzo(a)pyrene	12/1/2003	11/30/2010	3	0.03	0		0.07	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	1	81.60	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	17	0.05	0		2.00	AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	20	0.50	0		3.00	AD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1213_03** From confluence with San Gabriel River upstream to confl. with Boggy Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	22		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	22		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		60.04	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		851.51	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		30.55	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		143.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,228.41	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.99	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.73	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		247.48	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.57	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		276.22	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.57	0		19.43	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	22	85.87	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	22		0		32.20	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1213_03 From confluence with San Gabriel River upstream to confl. with Boggy Creek

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/1/2003	11/30/2010	22		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	22		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	125	335.14	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	110	38.11	0		75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	108	32.84	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	22		1	0.41	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	20		1	0.9	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	21		9	3.31	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	23		4	36.75	14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2003	11/30/2010	3	0.06	0		0.33	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	3	0.50	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1213_03** From confluence with San Gabriel River upstream to confl. with Boggy Creek

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2003	11/30/2010	3	0.03	0		0.07	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	4	0.24	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	4	0.15	0		5.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	3	0.50	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1213_03 From confluence with San Gabriel River upstream to confl. with Boggy Creek

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	3	0.06	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	91	1.90	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	3	1.06	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	3	0.33	0		4.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methoxychlor	12/1/2003	11/30/2010	3	0.06	0		0.33	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	4	2.85	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	1	81.60	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzo(a)pyrene	12/1/2003	11/30/2010	3	0.03	0		0.07	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	4	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Endrin	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	4	0.50	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Heptachlor	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor epoxide	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	4	0.24	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Aldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Dieldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1213_03** From confluence with San Gabriel River upstream to confl. with Boggy Creek

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 Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	17	0.05	0		2.00	AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	20	0.50	0		3.00	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1213_04** From confluence with Boggy Creek upstream to its confluence with Leon and Lampasas Rivers

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	12/1/2003	11/30/2010	24		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		60.04	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		851.51	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		30.55	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		143.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,228.41	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.99	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		247.48	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		276.22	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.82	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.57	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.54	0		19.43	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	24	141.57	1		126.00	AD	NS	☐	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	24		1	32.8	32.20	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1213_04** From confluence with Boggy Creek upstream to its confluence with Leon and Lampasas Rivers

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/1/2003	11/30/2010	24		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	24		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	125	335.14	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	110	38.11	0		75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	108	32.84	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	23		7	4.15	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	24		2	23.2	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		2	0.52	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	20		1	0.82	0.69	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	4	0.24	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	3	0.50	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		

AUID 1213_04 From confluence with Boggy Creek upstream to its confluence with Leon and Lampasas Rivers

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2003	11/30/2010	3	0.03	0		0.07	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2003	11/30/2010	3	0.06	0		0.33	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	4	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	3	0.50	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1213_04** From confluence with Boggy Creek upstream to its confluence with Leon and Lampasas Rivers

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	3	0.06	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	3	1.06	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	91	1.90	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		
Surface Water HH criteria for PWS average	Benzo(a)pyrene	12/1/2003	11/30/2010	3	0.03	0		0.07	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	4	0.50	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	1	81.60	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	4	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Dieldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Endrin	12/1/2003	11/30/2010	3	0.06	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methoxychlor	12/1/2003	11/30/2010	3	0.06	0		0.33	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor epoxide	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	4	0.24	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Aldrin	12/1/2003	11/30/2010	3	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	3	0.33	0		4.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	4	2.85	0		10.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1213_04** From confluence with Boggy Creek upstream to its confluence with Leon and Lampasas Rivers

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 Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	17	0.05	0		2.00	AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	20	0.50	0		3.00	AD	NC	☐	NC		

SEGID 1213A Big Elm Creek (unclassified water body)

AUID 1213A_01 Portion of Big Elm Creek from the confluence with the Little River upstream to confluence with Little Elm Creek.

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	23		1	1.3	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	23		1	1.3	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		33.91	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		198.06	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		165.46	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,447.41	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		932.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		68.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	1		0		20.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	2.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	2.00	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	1	0.13	0		5.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	2.50	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	2.05	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.05	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	1.25	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.07	0		4.58	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1213A_01** Portion of Big Elm Creek from the confluence with the Little River upstream to confluence with Little Elm Creek.

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	24	149.46	1		126.00	AD	NS	☐	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	24		2	36.5	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	24		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	24		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	24		6	2.46	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	25		1	0.41	0.37	AD	NC	☐	NC		

SEGID 1213B Little Elm Creek (unclassified water body)

AUID 1213B_01 From confluence with Big Elm Creek upstream to confluence with Williamson Branch

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010						ID	NA	☑	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010						ID	NA	☑	CN	depressed dissolved oxygen	
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	5		2	0.6	3.00	LD	CN	☐	CN	depressed dissolved oxygen	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	5		2	0.45	2.00	LD	CN	☐	CN	depressed dissolved oxygen	
Habitat	Habitat	12/1/2003	11/30/2010	4	14.80			4.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	4	28.50			12.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	4	42.60			11.00	AD	FS	☐	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	12/1/2003	11/30/2010	5		3	3.38	1.95	LD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	3		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	4		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	5		1	1.13	0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	4		0		0.37	LD	NC	☐	NC		

SEGID 1213C Unnamed Tributary of Little Elm Creek (unclassified water body)

AUID 1213C_01 Entire Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Habitat	Habitat	12/1/2003	11/30/2010	4	15.88			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	4	29.50			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	4	43.00			41.00	AD	FS	☐	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	12/1/2003	11/30/2010						ID	NA	☑	CS	orthophosphorus	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1214 San Gabriel River

AUID 1214_01 From confluence with Little River upstream to confl. with Alligator Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		1	4.8	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		987.09	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		210.09	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	1		0		20.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,595.86	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		36.21	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		73.59	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		180.79	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	4.09	0		163.84	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	1.25	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.05	0		1.56	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	2.00	0		274.90	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.99	0		19.33	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.03	0		4.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	2.50	0		246.26	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	1	0.13	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1214_01** From confluence with Little River upstream to confl. with Alligator Creek

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	27	167.44	1		126.00	AD	NS	☐	NS	bacteria	5a

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	12/1/2003	11/30/2010	28		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	28		1	9.5	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	28		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	28	402.70	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	27	60.70	1		50.00	AD	NS	☐	NS	chloride	5b
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	28	45.86	1		45.00	AD	NS	☐	NS	sulfate	5b
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	27		3	18.83	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	27		19	4.56	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	28		11	0.86	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	27		1	0.87	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	27		9	1.1	0.69	AD	CS	☐	CS	total phosphorus	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.03	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	1	0.05	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	2.00	0		62.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	1	1.25	0		10.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1214_01** From confluence with Little River upstream to confl. with Alligator Creek

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	1	0.05	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	28	0.43	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	1	0.03	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	27	3.49	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	1	0.13	0		50.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1214_02 From confluence with Alligator Creek upstream to Lake Granger

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	28	45.86	1		45.00	AD	NS	☐	NS	sulfate	5b
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	28	402.70	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	27	60.70	1		50.00	AD	NS	☐	NS	chloride	5b

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.03	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	1	0.05	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	2.00	0		62.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	1	1.25	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	1	0.05	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	28	0.43	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	1	0.03	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	27	3.49	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	1	0.13	0		50.00	ID	NA	☐	NA		

SEGID 1215 Lampasas River Below Stillhouse Hollow Lake

AUID 1215_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	28	88.08	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	27		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	27		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	27		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	27	301.29	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	28	26.34	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	27	18.43	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	26		1	2.02	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	27		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	7		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	7		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	28		0		14.10	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1215_01** Entire segment

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	26	0.88	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	7	0.23	0		4.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.50	0		5,569.00	ID	NA	☐	NA		

SEGID 1216 Stillhouse Hollow Lake

AUID 1216_01 Main Body of Lake

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	12/1/2003	11/30/2010	199		20	5.25	6.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	199		1	3.93	4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	2		0		6.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	2		0		4.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		60.04	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		851.51	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		143.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,228.41	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.57	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		247.48	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		276.22	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	1.87	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.15	0		4.99	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	199	2.46	0		126.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1216_01 Main Body of Lake

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	12/1/2003	11/30/2010	206		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	206		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	206		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	249	310.79	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	226	52.67	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	226	21.00	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	218		6	0.53	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	216		3	31.09	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	208		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	220		1	6.7	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	16		0		0.11	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	6	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		62.00	ID	NA	☐	NA		

AUID 1216_01 Main Body of Lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	6	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	4	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	6	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	219	0.08	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	2	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	2	41.13	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	2	1.87	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	2	0.50	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	1	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	3	0.50	0		240.00	ID	NA	☐	NA		

AUID 1216_02 Riverine portion of reservoir

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	12/1/2003	11/30/2010	3		0		6.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	3		0		4.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	2		0		6.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	2		0		4.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	3		0		33.90	ID	NA	☐	NA		
High pH	pH	12/1/2003	11/30/2010	3		0		9.00	ID	NA	☐	NA		
Low pH	pH	12/1/2003	11/30/2010	3		0		6.50	ID	NA	☐	NA		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	249	310.79	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride			162	51.06	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate			162	20.99	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	3		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	3		0		0.05	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	3		0		0.11	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	3		0		0.20	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	3		0		26.70	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride			3	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane			1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene			3	0.50	0		5.00	ID	NA	☐	NA		

AUID 1216_02 Riverine portion of reservoir

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane			3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene			3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene			3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead			1	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium			1	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium			1	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene			3	5.00	0		100.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Carbon tetrachloride			3	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane			2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane			1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene			3	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene			3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene			3	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene			3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene			1	0.50	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane			3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	184	0.09	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead			1	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium			1	0.15	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1216_02** Riverine portion of reservoir

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Barium			1	43.24	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic			1	1.96	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene			3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Atrazine			1	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE			3	0.50	0		240.00	ID	NA	☐	NA		

AUID 1216_SA1 Branch Cove associated with main body of lake

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	12/1/2003	11/30/2010	25		3	5.73	6.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	1		0		6.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	1		0		4.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	23	17.88	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	25		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	25		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	25		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	249	310.79	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	226	52.67	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	226	21.00	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	25		5	0.96	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	25		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	2		0		0.11	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	24		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	25		0		26.70	AD	NC	☐	NC		

AUID 1216_SA1 Branch Cove associated with main body of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene			3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane			1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene			3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane			3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene			3	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene			3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead			1	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium			1	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium			1	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride			3	0.50	0		4.10	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Carbon tetrachloride			3	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic			1	1.96	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane			2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane			1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene			3	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene			3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane			3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene			3	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene			3	0.50	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1216_SA1** Branch Cove associated with main body of lake

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	184	0.09	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead			1	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene			1	0.50	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium			1	43.24	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium			1	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene			3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Atrazine			1	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE			3	0.50	0		240.00	ID	NA	☐	NA		

SEGID 1216A Trimmier Creek (unclassified water body)

AUID 1216A_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	19		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	19		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	1		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	1		0		3.00	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	6	19.80			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	6	27.50			29.00	AD	NS	☐	CN	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2003	11/30/2010	6	53.60			41.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	17	139.12	1		126.00	AD	NS	☐	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	Chlorophyll-a	12/1/2003	11/30/2010	21		0		14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	20		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	19		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	19		0		0.69	AD	NC	☐	NC		

SEGID 1216B Onion Creek (unclassified water body)

AUID 1216B_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	2		0		2.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	2		0		1.50	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	2	28.91	0		126.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	2		0		1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	2		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	2		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	2		0		14.10	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1217 Lampasas River Above Stillhouse Hollow Lake

AUID 1217_01 Portion of Lampasas River from confluence with Rock Creek in Bell County, upstream to confluence with Mesquite Creek, west of Kempner in Lampasas County.

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	12/1/2003	11/30/2010	21		0	4.79	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	21		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	6		0		60.04	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	10		0		180.31	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	6		0		20.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	10		0		2,228.41	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	6		0		143.69	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		851.51	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	10		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	8		0		30.55	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	8	1.50	0		19.43	LD	NC	☐	NC		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	10	4.30	0		164.65	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	6	1.00	0		5.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	10	4.10	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	10	4.50	0		247.48	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		276.22	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	6	0.15	0		1.57	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1217_01** Portion of Lampasas River from confluence with Rock Creek in Bell County, upstream to confluence with Mesquite Creek, west of Kempner in Lampasas County.

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
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	6	0.50	0		4.99	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	36	13.76	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	21		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	20		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	20		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	38	241.79	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	36	25.69	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	67	622.88	0		1,200.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	18		0	6.7	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	11		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	17		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	8		0	14.83	14.10	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	18		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform			2	5.00	0		7,143.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1217_01** Portion of Lampasas River from confluence with Rock Creek in Bell County, upstream to confluence with Mesquite Creek, west of Kempner in Lampasas County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	5	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	5	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	6	0.50	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	6	0.30	-99			LD	ND	☐	ND		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		513.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1217_02** Portion of Lampasas River from confluence with Mesquite Creek upstream to confluence with Lucy Creek in Lampasas County.

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	12/1/2003	11/30/2010	28		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	28		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		143.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,228.41	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		30.55	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		60.04	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		180.31	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		851.51	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		276.22	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	2.78	0		164.65	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		247.48	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.32	0		19.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.57	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.39	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.99	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	1	20.50			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	34.20			29.00	AD	CS	☐	CS	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2003	11/30/2010	2	57.70			41.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1217_02** Portion of Lampasas River from confluence with Mesquite Creek upstream to confluence with Lucy Creek in Lampasas County.

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	25	61.17	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	28		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	28		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	28		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	67	622.88	0		1,200.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	38	241.79	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	36	25.69	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	28		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	27		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	5		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	26		0		14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.41	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	5	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		29.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1217_02** Portion of Lampasas River from confluence with Mesquite Creek upstream to confluence with Lucy Creek in Lampasas County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	5	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.30	-99			LD	ND	☐	ND		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		513.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1217_03** Portion of Lampasas River from confluence with Lucy Creek upstream to confluence with Sims Creek in Lampasas County.

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	12/1/2003	11/30/2010	4		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	4		0		3.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	3	36.34	0		126.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	4		0		32.80	LD	NC	☐	NC		
High pH	pH	12/1/2003	11/30/2010	4		0		9.00	LD	NC	☐	NC		
Low pH	pH	12/1/2003	11/30/2010	4		0		6.50	LD	NC	☐	NC		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	38	241.79	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	36	25.69	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	67	622.88	0		1,200.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	1		0		1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	1		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride			5	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform			2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane			3	0.50	0		956,663.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1217_03** Portion of Lampasas River from confluence with Lucy Creek upstream to confluence with Sims Creek in Lampasas County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene			5	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene			6	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene			5	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene			5	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead			8	0.41	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium			2	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane			5	0.50	0		553.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1217_04** Portion of Lampasas River from confluence with Simms Creek upstream to confluence with Bennett Creek in Lampasas County.

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	67	622.88	0		1,200.00	AD	FS	☐	FS		
Dissolved Solids	Chloride			102	125.68	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate			100	22.70	0		100.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride			5	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform			2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane			3	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene			5	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene			6	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene			5	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene			5	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead			8	0.41	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium			2	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane			5	0.50	0		553.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1217_05** Portion of Lampasas River from confluence with Bennett Creek upstream to its headwaters in Mills County.

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids			131	464.30	0		1,200.00	AD	FS	☐	FS		
Dissolved Solids	Chloride			102	125.68	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate			100	22.70	0		100.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene			5	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform			2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane			3	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene			5	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane			5	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride			5	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene			5	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead			8	0.41	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium			2	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene			6	5.00	0		5,201.00	LD	NC	☐	NC		

SEGID 1217A Rocky Creek (unclassified water body)

AUID 1217A_01 Entire creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	44		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	44		0		2.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	20		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	20		0		2.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	22	84.36	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	37		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	16		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	35		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	37		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	24		0		14.10	AD	NC	☐	NC		

SEGID 1217B Sulphur Creek (unclassified water body)

AUID 1217B_01 Portion of Sulphur Creek from the confluence with the Lampasas River upstream to confluence with Burleson Creek in the City of Lampasas, Lampasas County.

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	12/1/2003	11/30/2010	69		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	69		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	0.60	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.48	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.28	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1217B_01** Portion of Sulphur Creek from the confluence with the Lampasas River upstream to confluence with Burleson Creek in the City of Lampasas, Lampasas County.

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
Habitat	Habitat	12/1/2003	11/30/2010	2	19.80			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	41.60			29.00	AD	CS	☐	CS	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2003	11/30/2010	2	59.90			41.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	67	72.65	0		126.00	AD	FS	☐	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	Chlorophyll-a	12/1/2003	11/30/2010	66		1	23.1	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	65		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	70		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	30		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	69		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1217B_01** Portion of Sulphur Creek from the confluence with the Lampasas River upstream to confluence with Burleson Creek in the City of Lampasas, Lampasas County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1217B_02** Portion of Sulphur Creek from the confluence with Burleson Creek upstream to the confluences with Donalson Creek and Espy Branch west of Lampasas in Lampasas County

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	12/1/2003	11/30/2010	93		22	2.51	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	93		12	1.22	3.00	AD	CN	☑	NS	depressed dissolved oxygen	5c

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	89	101.38	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	94		1	4.27	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	91		1	1.58	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	50		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	88		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	89		0		14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		

AUID 1217B_02 Portion of Sulphur Creek from the confluence with Burleson Creek upstream to the confluences with Donalson Creek and Espy Branch west of Lampasas in Lampasas County

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		

SEGID 1217D North Rocky Creek (unclassified water body)

AUID 1217D_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	5		0		4.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	5		0		3.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	5					LD	ND	☑	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	5					LD	ND	☑	NS	depressed dissolved oxygen	5b

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	3		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	4		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	3		0		1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	4		0		0.69	LD	NC	☐	NC		

SEGID 1217E South Rocky Creek (unclassified water body)

AUID 1217E_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	6		0		3.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	6		0		2.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	6		0		3.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	6		0		2.00	LD	NC	☐	NC		
Habitat	Habitat	12/1/2003	11/30/2010	2	24.30			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	36.00			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	49.60			42.00	AD	FS	☐	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	12/1/2003	11/30/2010	5		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	2		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	4		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	4		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	5		0		0.37	LD	NC	☐	NC		

SEGID 1217F Reese Creek (unclassified water body)

AUID 1217F_01 From confluence with Lampasas River above Stillhouse Hollow Lake upstream to confluence with un-named tributary (NHD reach code 12070203002555).

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	12/1/2003	11/30/2010	7		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	7		0		3.00	LD	NC	☐	NC		
Habitat	Habitat	12/1/2003	11/30/2010	2	22.30			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	3	30.00			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	3	44.90			41.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	6	79.20	0		126.00	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	9		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	8		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	9		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	9		0		14.10	LD	NC	☐	NC		

SEGID 1218 Nolan Creek/ South Nolan Creek

AUID 1218_01 Portion of Nolan Creek from the confluence with the Leon River upstream to confluence with North Nolan/South Nolan Creek fork in Bell county

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	41	363.17	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	28	55.04	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	28	36.42	0		75.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	15	0.52	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1218_02** Portion of South Nolan Creek from confluence with North Nolan / Nolan Creek fork upstream to confluence with Liberty Ditch in city of Killeen in Bell County.

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	12/1/2003	11/30/2010	38		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	38		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	7		0		30.55	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	11		0		180.31	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	9		0		20.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	12		0		143.69	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	10		0		60.04	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	12		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	3		0		851.51	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	12		0		2,228.41	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		276.22	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	11	34.55	0		164.65	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	9	1.00	0		5.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	12	5.00	0		247.48	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	7	2.99	0		19.43	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	10	0.15	0		1.57	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	12	2.50	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	12	0.53	0		4.99	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1218_02** Portion of South Nolan Creek from confluence with North Nolan / Nolan Creek fork upstream to confluence with Liberty Ditch in city of Killeen in Bell County.

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	94		28	1099.07	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	80	187.72	1		126.00	AD	NS	☐	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
Water Temperature	Temperature	12/1/2003	11/30/2010	38		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	38		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	38		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	41	363.17	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	28	55.04	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	28	36.42	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	21		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	23		13	2.1	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	36		33	1.45	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	35		33	8.09	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	26		1	16.97	14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		956,663.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1218_02** Portion of South Nolan Creek from confluence with North Nolan / Nolan Creek fork upstream to confluence with Liberty Ditch in city of Killeen in Bell County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	15	0.52	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1218_03** Portion of South Nolan Creek from confluence with Liberty ditch in Killeen upstream to a point 100 meters (110 yards) upstream of the most upstream crossing of US 190 near the intersection of US 190 and Loop 172 in Bell County.

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	12/1/2003	11/30/2010	3		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	3		0		3.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3		0		2,228.41	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	3		0		20.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3		0		180.31	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3		0		60.04	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		30.55	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		143.69	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		1.57	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	1.50	0		19.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.50	0		4.99	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3	5.00	0		247.48	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	3	1.00	0		5.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3	3.33	0		164.65	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	13	49.47	0		126.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1218_03** Portion of South Nolan Creek from confluence with Liberty ditch in Killeen upstream to a point 100 meters (110 yards) upstream of the most upstream crossing of US 190 near the intersection of US 190 and Loop 172 in Bell County.

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	12/1/2003	11/30/2010	3		0		33.90	ID	NA	☐	NA		
High pH	pH	12/1/2003	11/30/2010	3		0		9.00	ID	NA	☐	NA		
Low pH	pH	12/1/2003	11/30/2010	3		0		6.50	ID	NA	☐	NA		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	41	363.17	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	28	55.04	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	28	36.42	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	3		0		1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	3		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	3		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	2		0		0.69	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		956,663.00	ID	NA	☐	NA		

AUID 1218_03 Portion of South Nolan Creek from confluence with Liberty ditch in Killeen upstream to a point 100 meters (110 yards) upstream of the most upstream crossing of US 190 near the intersection of US 190 and Loop 172 in Bell County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	15	0.52	0		3.83	AD	FS	☐	FS		

SEGID 1218A Unnamed Tributary to Little Nolan Creek (unclassified water body)

AUID 1218A_01 Entire water body

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	8	119.74	0		126.00	LD	NC	☐	NC		

SEGID 1218B South Nolan Creek (unclassified water body)

AUID 1218B_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	3		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	3		0		3.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	3		0		20.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3		0		170.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.50	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3	6.67	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	3	2.00	0		5.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3	3.67	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	1.50	0		18.36	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	14	59.41	0		126.00	AD	FS	☐	FS		

AUID 1218B_01 Entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	3		0		1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	3		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	3		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	2		0		0.69	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.50	0		3.83	ID	NA	☐	NA		

SEGID 1218C Little Nolan Creek (unclassified water body)

AUID 1218C_01 Entire water body

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	14	163.61	1		126.00	AD	NS	☐	NS	bacteria	5b

SEGID 1219 Leon River Below Belton Lake

AUID 1219_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	28	94.51	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	27		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	27		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	27		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	27	320.74	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	28	36.53	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	27	29.09	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	26		10	4.38	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	27		11	0.77	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	7		1	0.34	0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	7		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	28		1	18.73	14.10	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1219_01** Entire segment

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.50	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	7	0.26	0		4.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	26	2.27	0		10.00	AD	FS	☐	FS		

SEGID 1220 Belton Lake

AUID 1220_01 Portion of Lake near 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	12/1/2003	11/30/2010	39		3	3.16	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	39		1	2.5	3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	35	1.66	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	39		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	39		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	39		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	112	24.27	0		75.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	117	247.04	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	112	25.48	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	36		0		26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	34		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	12		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	35		2	0.48	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	36		0		0.05	AD	NC	☐	NC		

AUID 1220_01 Portion of Lake near 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
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	9	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	9	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.27	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.50	0		1,000.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1220_01** Portion of Lake near Dam

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	3	2.29	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	114	0.13	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.27	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	3	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	3	50.73	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	9	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	9	5.00	0		100.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.50	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1220_02 Cowhouse Creek Arm

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	12/1/2003	11/30/2010	38		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	38		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3		0		133.57	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3		0		1,651.46	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		91.54	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	3		0		21.88	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3		0		40.27	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	3		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		637.11	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3	5.00	0		183.41	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3	2.70	0		121.97	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.27	0		3.18	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	3	3.00	0		14.35	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		206.67	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		1.19	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	2.29	0		190.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	35	2.38	0		126.00	AD	FS	☐	FS		

AUID 1220_02 Cowhouse Creek Arm

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	12/1/2003	11/30/2010	38		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	38		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	38		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	117	247.04	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	112	25.48	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	112	24.27	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	34		1	0.87	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	36		0		26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	35		1	0.48	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	36		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	12		0		0.11	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	9	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	9	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		

AUID 1220_02 Cowhouse Creek Arm

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.27	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		200.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	9	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	9	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	114	0.13	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.27	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	3	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	3	50.73	0		2,000.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1220_02** Cowhouse Creek Arm

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	3	2.29	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.50	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1220_03 Leon River Arm

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	12/1/2003	11/30/2010	39		3	3.97	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	39		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	37	2.51	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	39		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	39		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	39		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	117	247.04	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	112	25.48	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	112	24.27	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	35		1	0.28	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	37		5	30.75	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	13		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	37		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	36		4	0.45	0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	9	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		200.00	ID	NA	☐	NA		

AUID 1220_03 Leon River Arm

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.27	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	9	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	114	0.13	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	3	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	9	5.00	0		100.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1220_03** Leon River Arm

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	9	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	3	0.27	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	3	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	3	50.73	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	3	2.29	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Thallium	12/1/2003	11/30/2010	1	0.38	0		0.75	ID	ND	☐	ND		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	9	0.50	0		240.00	LD	NC	☐	NC		

SEGID 1220A Cowhouse Creek (unclassified water body)

AUID 1220A_01 Downstream portion of water body

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	3	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	5	5.00	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	5	0.40	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		5,201.00	LD	NC	☐	NC		

AUID 1220A_02 Middle portion of water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	3		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	3		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3		0		55.70	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2	1.75	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	2.45	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	3	0.80	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3	0.22	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.57	0		4.58	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	24	43.07	0		126.00	AD	FS	☐	FS		

AUID 1220A_02 Middle portion of water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	4		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	25		0		14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	26		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	27		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	3	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	5	0.40	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	5	5.00	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		5,201.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1220A_03 Upstream portion of water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	23		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	23		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		806.38	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2	1.07	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	3.07	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	0.94	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	23	168.91	1		126.00	AD	NS	☐	NS	bacteria	5b

AUID 1220A_03 Upstream portion of water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	5		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	22		1	14.5	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	24		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	3	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	5	0.40	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	5	5.00	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		23,916.00	ID	NA	☐	NA		

SEGID 1221 Leon River Below Proctor Lake

AUID 1221_01 Portion of Leon River from confluence with Lake Belton upstream to confluence with unnamed tributary (NHD RC 12070201005989) in Coryell County.

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	12/1/2003	11/30/2010	63		4	4	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	63		1	2.3	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	4.08	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.56	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	5.32	0		155.63	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	3	20.80			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	4	36.80			29.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_01** Portion of Leon River from confluence with Lake Belton upstream to confluence with unnamed tributary (NHD RC 12070201005989) in Coryell County.

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
Fish Community	Fish Community	12/1/2003	11/30/2010	4	44.10			41.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	58	174.21	1		126.00	AD	NS	☐	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
Water Temperature	Temperature	12/1/2003	11/30/2010	63		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	63		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	63		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	484	466.19	0		900.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	427	87.36	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	435	54.36	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	49		3	3.94	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	49		27	30.43	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	34		1	1.98	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	49		4	0.72	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	38		0		0.33	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_01** Portion of Leon River from confluence with Lake Belton upstream to confluence with unnamed tributary (NHD RC 12070201005989) in Coryell County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	28	1.94	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_01** Portion of Leon River from confluence with Lake Belton upstream to confluence with unnamed tributary (NHD RC 12070201005989) in Coryell County.

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	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	27	0.13	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	8	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	394	0.73	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_01** Portion of Leon River from confluence with Lake Belton upstream to confluence with unnamed tributary (NHD RC 12070201005989) in Coryell County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	151	0.40	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	133.13	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	30	3.10	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	10	0.50	0		240.00	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_02** Portion of Leon River from confluence with unnamed tributary (NHD RC 12070201005989) upstream to confluence with Stillhouse Branch in Coryell County.

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	12/1/2003	11/30/2010	108		4	4.54	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	108		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	5		0		20.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	5	0.15	0		5.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	59	125.03	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	110		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	110		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	110		1	6.1	6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	484	466.19	0		900.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	427	87.36	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	435	54.36	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	107		1	0.47	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	108		16	1.78	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	107		16	6.25	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	109		25	26.83	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	104		21	1.12	0.37	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1221_02 Portion of Leon River from confluence with unnamed tributary (NHD RC 12070201005989) upstream to confluence with Stillhouse Branch in Coryell County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	28	1.94	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1221_02 Portion of Leon River from confluence with unnamed tributary (NHD RC 12070201005989) upstream to confluence with Stillhouse Branch in Coryell County.

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	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	8	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_02** Portion of Leon River from confluence with unnamed tributary (NHD RC 12070201005989) upstream to confluence with Stillhouse Branch in Coryell County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	133.13	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	151	0.40	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	394	0.73	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	27	0.13	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	30	3.10	0		10.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	10	0.50	0		240.00	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1221_03 From confluence with Stillhouse Creek, upstream to confluence with Plum Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	49		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	49		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.61	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	0.15	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	2.50	0		155.63	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	47	166.37	1		126.00	AD	NS	☐	NS	bacteria	5b

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_03** From confluence with Stillhouse Creek, upstream to confluence with Plum Creek

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	49		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	49		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	49		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	484	466.19	0		900.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	427	87.36	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	435	54.36	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	42		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	45		1	0.84	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	36		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	32		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	44		17	33.9	14.10	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_03** From confluence with Stillhouse Creek, upstream to confluence with Plum Creek

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	28	1.94	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_03** From confluence with Stillhouse Creek, upstream to confluence with Plum Creek

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	8	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	27	0.13	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	394	0.73	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	151	0.40	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	133.13	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	30	3.10	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_03** From confluence with Stillhouse Creek, upstream to confluence with Plum Creek

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	10	0.50	0		240.00	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1221_04 From the confluence with Plum Creek, upstream to the confluence with Pecan Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	36		3	4.48	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	36		0		3.00	AD	FS	☐	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	20		9	7645	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	31	194.41	1		126.00	AD	NS	☐	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
Water Temperature	Temperature	12/1/2003	11/30/2010	35		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	36		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	36		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	484	466.19	0		900.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	427	87.36	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	435	54.36	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	22		8	25.8	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		1	0.44	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	24		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	24		1	0.9	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	23		0		0.33	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1221_04 From the confluence with Plum Creek, upstream to the confluence with Pecan Creek

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	28	1.94	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_04** From the confluence with Plum Creek, upstream to the confluence with Pecan Creek

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	8	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_04** From the confluence with Plum Creek, upstream to the confluence with Pecan Creek

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	394	0.73	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	151	0.40	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	133.13	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	30	3.10	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	27	0.13	0		50.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	10	0.50	0		240.00	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_05** From confluence with Pecan Creek, upstream to confluence with South Leon Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	122		18	3.93	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	122		2	0.91	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	2.10	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	0.93	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.85	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	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	111		34	1602.16	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	121	153.37	1		126.00	AD	NS	☐	NS	bacteria	5b

AUID 1221_05 From confluence with Pecan Creek, upstream to confluence with South Leon Creek

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	122		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	122		1	9.2	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	122		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	484	466.19	0		900.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	427	87.36	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	435	54.36	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	91		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	99		69	29.73	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	77		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	75		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	95		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1221_05 From confluence with Pecan Creek, upstream to confluence with South Leon Creek

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	28	1.94	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		

AUID 1221_05 From confluence with Pecan Creek, upstream to confluence with South Leon Creek

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	8	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	394	0.73	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	27	0.13	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	151	0.40	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	133.13	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	30	3.10	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_05** From confluence with Pecan Creek, upstream to confluence with South Leon Creek

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	10	0.50	0		240.00	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1221_06 — From confluence with South Leon Creek upstream to confluence with Walnut Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	51		2	4.65	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	51		0		3.00	AD	FS	☐	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	42		18	1160.67	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	50	288.80	1		126.00	AD	NS	☐	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
Water Temperature	Temperature	12/1/2003	11/30/2010	51		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	51		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	51		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	484	466.19	0		900.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	427	87.36	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	435	54.36	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	45		1	2.13	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	49		43	43.01	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	33		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	47		1	0.47	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	36		0		0.33	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_06** From confluence with South Leon Creek upstream to confluence with Walnut Creek

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	28	1.94	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		

AUID 1221_06 From confluence with South Leon Creek upstream to confluence with Walnut Creek

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	8	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	30	3.10	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	133.13	0		2,000.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_06** From confluence with South Leon Creek upstream to confluence with Walnut Creek

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	151	0.40	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	394	0.73	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	27	0.13	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	10	0.50	0		240.00	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_07** From the confluence with Walnut Creek upstream to Lake Proctor

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	12/1/2003	11/30/2010	45		6	3.98	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	45		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	26		0		151.92	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	26		0		187.12	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	23		0		20.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	26		0		2,312.44	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	22		0		31.83	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	26		0		882.57	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	28		0		63.08	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	26		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	28		0		360.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	26	3.26	0		233.95	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	26	1.59	0		261.58	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	26	2.11	0		155.63	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	23	0.13	0		5.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	22	2.48	0		18.36	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	28	3.88	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	28	0.10	0		1.49	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	26	0.18	0		4.58	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1221_07 From the confluence with Walnut Creek upstream to Lake Proctor

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	37	121.84	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	45		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	45		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	45		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	435	54.36	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	484	466.19	0		900.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	427	87.36	0		150.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	37		28	31.85	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	39		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	43		1	0.69	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	43		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	42		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_07** From the confluence with Walnut Creek upstream to Lake Proctor

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	28	1.94	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1221_07 From the confluence with Walnut Creek upstream to Lake Proctor

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	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	7	5.00	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	15	5.00	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	6	0.25	0		7.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	10	0.50	0		4.10	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	7	0.50	0		200.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	28	0.17	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	8	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	6	0.19	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	10	0.50	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	394	0.73	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	151	0.40	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	30	0.10	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	133.13	0		2,000.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221_07** From the confluence with Walnut Creek upstream to Lake Proctor

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	30	3.10	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	8	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	27	0.13	0		50.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	10	0.50	0		240.00	AD	NC	☐	NC		

SEGID 1221A Resley Creek (unclassified water body)

AUID 1221A_01 Portion of Resley Creek from confluence with Leon River upstream to conf. with unnamed tributary (NHD RC 12070201007823), approx. 1.0 mile N. of Comanche County Line

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	12/1/2003	11/30/2010	143		3	1.32	2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	143		2	1.09	1.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	13		0		40.73	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	15		0		233.55	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	18		0		20.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	15		0		211.96	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	15		0		1,093.46	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	17		0		84.73	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	16		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	15		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	15		0		2,885.29	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	17	0.09	0		1.49	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	15	3.30	0		233.95	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	15	2.27	0		155.63	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	18	0.13	0		5.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	15	0.21	0		4.58	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	15	2.00	0		261.58	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	16	3.44	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	13	2.53	0		18.36	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221A_01** Portion of Resley Creek from confluence with Leon River upstream to conf. with unnamed tributary (NHD RC 12070201007823), approx. 1.0 mile N. of Comanche County Line

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
Habitat	Habitat	12/1/2003	11/30/2010	2	23.30			4.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	24.20			12.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	45.10			11.00	AD	FS	☐	FS		
Continuous Dissolved Oxygen Daily 24hr Average	Continuous Dissolved Oxygen 24hr	12/1/2003	11/30/2010						ID	NA	☑	NS	depressed dissolved oxygen	5b
Continuous Dissolved Oxygen Daily 24hr Minimum	Continuous Dissolved Oxygen 24hr	12/1/2003	11/30/2010						ID	NA	☑	NS	depressed dissolved oxygen	5b

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	84	209.23	1		126.00	AD	NS	☐	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	Chlorophyll-a	12/1/2003	11/30/2010	125		45	40.98	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	127		8	0.49	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	126		22	3.67	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	125		5	0.77	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	101		5	0.38	0.33	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	15	2.00	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	15	0.21	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221A_01** Portion of Resley Creek from confluence with Leon River upstream to conf. with unnamed tributary (NHD RC 12070201007823), approx. 1.0 mile N. of Comanche County Line

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221A_02** Portion of Resley Creek from confluence with unnamed tributary (NHD RC 12070201007823), upstream to headwaters in Erath County.

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	12/1/2003	11/30/2010	31		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	31		0		1.50	AD	FS	☐	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	41		21	1882.51	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	31	380.57	1		126.00	AD	NS	☐	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	Chlorophyll-a	12/1/2003	11/30/2010	30		12	56.52	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	27		10	6.54	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	27		14	0.67	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	8		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	12		0		0.69	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221A_02** Portion of Resley Creek from confluence with unnamed tributary (NHD RC 12070201007823), upstream to headwaters in Erath County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	15	0.21	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	15	2.00	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		

SEGID 1221B South Leon River (unclassified water body)

AUID 1221B_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	41		4	2.82	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	41		2	1.54	3.00	AD	FS	☐	FS		
Habitat	Habitat	12/1/2003	11/30/2010	2	18.30			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	32.60			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	51.90			41.00	AD	FS	☐	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	48		16	1703.19	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	41	256.75	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	32		2	2.26	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	32		1	0.42	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	13		1	2.38	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	23		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	29		4	59.7	14.10	AD	NC	☐	NC		

SEGID 1221C Pecan Creek (unclassified water body)

AUID 1221C_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	23	122.69	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	23		2	0.54	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	6		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	24		7	21.79	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	22		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		23,916.00	ID	NA	☐	NA		

AUID **1221C_01** Entire water body

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		

SEGID 1221D Indian Creek (unclassified water body)

AUID 1221D_01 From confluence with Leon River, upstream to confluence with Armstrong Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	26		3	3.02	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	26		1	0.95	3.00	AD	FS	☐	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	36		29	1362.26	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	26	719.71	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	25		5	4.15	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	26		2	0.49	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	6		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	27		9	38.92	14.10	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		29.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221D_01** From confluence with Leon River, upstream to confluence with Armstrong Creek

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	3	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221D_02** From confluence with Armstrong Creek upstream to headwaters of water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	28		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	28		0		3.00	AD	FS	☐	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	30		10	655.2	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	27	268.53	1		126.00	AD	NS	☐	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	12/1/2003	11/30/2010	26		10	0.87	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	23		7	1.03	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	28		12	66.56	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	25		25	22.99	1.95	AD	CS	☐	CS	nitrate	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		649.00	ID	NA	☐	NA		

AUID 1221D_02 From confluence with Armstrong Creek upstream to headwaters of water body

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	3	0.50	0		513.00	ID	NA	☐	NA		

SEGID 1221E Plum Creek (unclassified water body)

AUID 1221E_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	1		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	1		0		3.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	1	58.00	0		126.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	1		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	1		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	1		0		1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		

SEGID 1221F Walnut Creek (unclassified water body)

AUID 1221F_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	48		1	2.4	3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	48		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	1.24	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	9.80	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	0.40	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	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	55		27	3680.73	394.00	SM	NS	☐	NA	bacteria	5b

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1221F_01** entire water body

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	47	339.64	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	36		3	2.21	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	36		1	0.64	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	10		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	15		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	38		8	47.66	14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1222 Proctor Lake

AUID 1222_01 Sabana River arm of lake

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	12/1/2003	11/30/2010	35		3	3.99	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	35		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	6		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	6		0		3.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	17	1.60	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	53		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	35		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	35		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	144	478.64	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	84	112.32	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	81	53.93	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	15		4	0.33	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	16		12	61.92	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	28		3	0.15	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	24		3	0.2	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	28		0		0.37	AD	NC	☐	NC		

AUID 1222_01 Sabana River arm of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	6	0.28	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		

AUID 1222_01 Sabana River arm of lake

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	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	7	0.24	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	6	0.28	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	79	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	22	0.24	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		4.10	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.10	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1222_02 Copperas / Duncan Creeks arm of lake.

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	12/1/2003	11/30/2010	25		3	4.63	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	15	1.50	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	37		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	25		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	25		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	144	478.64	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	84	112.32	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	81	53.93	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	15		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	15		3	0.1	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	12		2	0.16	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	12		2	0.23	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	14		13	49.06	26.70	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	6	0.28	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1222_02 Copperas / Duncan Creeks arm of lake.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		100.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		

AUID 1222_02 Copperas / Duncan Creeks arm of lake.

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	7	0.24	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	6	0.28	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	79	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	22	0.24	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		4.10	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.10	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1222_03 Portion of water body near 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	12/1/2003	11/30/2010	30		5	3.28	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	30		2	2.33	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	6		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	6		0		3.00	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/1/2003	11/30/2010	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2003	11/30/2010	1		0		161.06	ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/2003	11/30/2010	1		0		43.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2003	11/30/2010	1		0		1,050.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1		0		350.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2003	11/30/2010	1		0		1,520.00	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2003	11/30/2010	1		0		1,170.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2003	11/30/2010	1		0		1,290.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2003	11/30/2010	1		0		561.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2003	11/30/2010	1		0		5,310.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		240.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2003	11/30/2010	1		0		536.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2003	11/30/2010	1		0		140.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2003	11/30/2010	1		0		2,230.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2003	11/30/2010	1		0		1,450.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2003	11/30/2010	1		0		845.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2003	11/30/2010	1		0		130.00	ID	NA	☐	NA		

AUID 1222_03 Portion of water body near 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
Toxic Substances in sediment	Acenaphthene	12/1/2003	11/30/2010	1		0		89.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2003	11/30/2010	1		0		4,650.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1		0		550.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	17	5.29	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	31		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	30		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	30		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	144	478.64	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	84	112.32	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	81	53.93	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	24		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		2	0.08	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	21		4	0.17	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	16		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	22		11	49.15	26.70	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		4.10	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1222_03 Portion of water body near 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
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	6	0.28	0		5.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		

AUID 1222_03 Portion of water body near 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	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	7	0.24	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	6	0.28	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	79	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	22	0.24	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		4.10	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.10	0		240.00	ID	NA	☐	NA		

SEGID 1222A Duncan Creek (unclassified water body)

AUID 1222A_01 Entire creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	34		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	34		0		1.50	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010						ID	NA	☑	CN	depressed dissolved oxygen	
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.97	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	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	45		23	1688.63	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	34	524.64	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	31		6	4.17	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	32		0		0.37	AD	NC	☐	NC		

AUID 1222A_01 Entire creek

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	13		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	19		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	34		13	33.54	14.10	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		

SEGID 1222B Rush-Copperas Creek (unclassified water body)

AUID 1222B_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	18		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	18		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	1.57	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.44	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	1.97	0		155.63	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	18	227.17	1		126.00	AD	NS	☐	NS	bacteria	5b

AUID 1222B_01 Entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	15		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	18		4	24.31	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	6		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	16		1	0.49	0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		

SEGID 1222C Sabana River (unclassified water body)

AUID 1222C_01 Portion of Sabana River from confluence with Lake Belton in Comanche County upstream to confluence with Elm Creek in Eastland County.

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	12/1/2003	11/30/2010	26		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	26		0		1.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	5		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	5		0		147.78	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	5		0		1,637.60	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	5		0		64.82	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	5		0		397.10	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	5		0		4,379.03	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	5		0		354.70	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	5		0		991.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	5	1.60	0		18.36	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	5	4.72	0		233.95	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	5	0.05	0		4.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	5	0.02	0		1.49	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	5	1.94	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	5	1.62	0		155.63	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	5	0.27	0		261.58	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	20	132.56	1		126.00	AD	NS	☐	NS	bacteria	5c

AUID 1222C_01 Portion of Sabana River from confluence with Lake Belton in Comanche County upstream to confluence with Elm Creek in Eastland County.

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	12/1/2003	11/30/2010	25		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	24		1	1.51	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	21		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	20		1	24.6	14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	0.24	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	4	0.05	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	4	0.10	0		1,071.00	LD	NC	☐	NC		

AUID 1222C_02 Portion of Sabana River from confluence with Elm Creek in Eastland upstream to headwaters in Callahan County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	0.24	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	4	0.05	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	4	0.10	0		1,071.00	LD	NC	☐	NC		

SEGID 1222D Sowells Creek (unclassified water body)

AUID 1222D_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	8		0		2.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	8		0		1.50	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	8	370.58	1		126.00	LD	CN	☐	CN	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	Nitrate	12/1/2003	11/30/2010	8		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	7		1	0.48	0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	6		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	7		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	7		1	18.2	14.10	LD	NC	☐	NC		

SEGID 1222E Sweetwater Creek (unclassified water body)

AUID 1222E_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	21		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	21		0		1.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	0.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	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	21		11	699.91	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	20	305.28	1		126.00	AD	NS	☐	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	12/1/2003	11/30/2010	19		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	6		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	21		2	28.45	14.10	AD	NC	☐	NC		

AUID 1222E_01 entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	18		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		

SEGID 1222F Hackberry Creek (unclassified water body)

AUID 1222F_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	3		1	1.95	2.00	ID	NA	☑	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	3		0		1.50	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	3	998.74	1		126.00	ID	NA	☑	CN	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	Chlorophyll-a	12/1/2003	11/30/2010	3		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	2		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	2		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	2		0		1.95	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	1	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		

SEGID 1223 Leon River Below Leon Reservoir

AUID 1223_01 Entire Segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	26		6	3.35	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	26		1	2.6	3.00	AD	FS	☑	NS	depressed dissolved oxygen	5c
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	20		0		31.12	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	17		0		110.06	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	17		0		20.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	17		0		1,361.28	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	19		0		68.45	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	17		0		528.41	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	20		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	17		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	14		0		17.64	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	14	2.05	0		155.63	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	17	5.09	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	17	0.12	0		1.49	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	14	1.64	0		261.58	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	13	3.00	0		18.36	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	17	0.22	0		4.58	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	14	4.27	0		233.95	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	14	0.12	0		5.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1223_01 Entire Segment

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	33		11	1297.2	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	22	265.25	1		126.00	AD	NS	☐	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
Water Temperature	Temperature	12/1/2003	11/30/2010	26		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	26		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	26		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	29	638.42	0		1,240.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	28	175.98	0		480.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	28	47.96	0		130.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	26		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	25		9	35.97	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	26		2	0.74	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	26		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	22		1	2.05	0.33	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	15	0.18	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

AUID 1223_01 Entire Segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	13	1.61	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	15	0.15	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	3	0.10	0		6.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	15	0.15	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	1	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	12	0.12	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	21	0.09	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	15	0.19	0		4.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1223_01** Entire Segment

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	3	209.67	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	15	3.02	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	15	0.18	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	3	0.10	0		6.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

SEGID 1223A Armstrong Creek (unclassified water body)

AUID 1223A_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	29		2	0.95	2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	29		2	0.95	1.50	AD	FS	☐	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	33		20	1175.78	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	28	456.43	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	24		5	2.52	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		2	0.62	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	7		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	12		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	27		8	31.48	14.10	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		

AUID 1223A_01 entire water body

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		

SEGID 1223B Cow Creek (unclassified water body)

AUID 1223B_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	5		0		2.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	5		0		1.50	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	5	465.56	1		126.00	LD	CN	☐	CN	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	Orthophosphorus	12/1/2003	11/30/2010	4		3	0.85	0.37	LD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	5		2	35.64	14.10	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	3		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	5		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	3		0		0.69	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1224 Leon Reservoir

AUID 1224_01 Portion near 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	12/1/2003	11/30/2010	14		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	6		0		91.91	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	6		0		133.92	LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	6		0		20.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	6		0		1,655.88	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	6		0		21.94	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	6		0		638.76	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	6		0		40.41	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	6		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	6		0		360.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	6	2.00	0		206.67	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	6	2.51	0		121.97	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	6	0.13	0		5.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	6	2.50	0		183.41	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	6	0.22	0		1.19	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	6	5.39	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	6	0.18	0		3.18	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	6	2.85	0		14.35	LD	NC	☐	NC		

AUID 1224_01 Portion near 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
Toxic Substances in sediment	Nickel	12/1/2003	11/30/2010	3		0		48.60	ID	NA	☐	NA		
Toxic Substances in sediment	Iron	12/1/2003	11/30/2010	3		1	41700	40,000.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2003	11/30/2010	3		0		2.20	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2003	11/30/2010	3		0		1.06	ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/1/2003	11/30/2010	3		2	1645	1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2003	11/30/2010	3		0		128.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2003	11/30/2010	3		0		149.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2003	11/30/2010	3		0		111.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2003	11/30/2010	3		0		4.98	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2003	11/30/2010	3		0		33.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2003	11/30/2010	3		0		459.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	11	1.51	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	14		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	14		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	14		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	28	287.14	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	28	55.54	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	28	37.32	0		75.00	AD	FS	☐	FS		

AUID 1224_01 Portion near dam

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	12/1/2003	11/30/2010	14		1	0.13	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	13		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	14		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	10		0		26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	14		0		0.05	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	12	0.28	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	12	2.00	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	12	0.18	0		1.15	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	3		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	3		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	3		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		

AUID 1224_01 Portion near 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	Copper	12/1/2003	11/30/2010	3		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	3		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	3		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	3		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	28	0.14	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	12	0.13	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	12	0.18	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	12	2.19	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	28	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	12	0.28	0		5.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1224_02** Headwater portion

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	12/1/2003	11/30/2010	14		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	6		0		20.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	6		0		130.29	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	6		0		1,611.01	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	6		0		88.19	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	6		0		622.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	6		0		38.96	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	6		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	6		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	6		0		21.28	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	6	1.73	0		14.35	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	6	2.00	0		121.97	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	6	0.13	0		5.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	6	5.66	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	6	0.18	0		3.18	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	6	2.00	0		206.67	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	6	0.22	0		1.19	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	6	2.50	0		183.41	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2003	11/30/2010	3		0		128.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2003	11/30/2010	3		0		459.00	ID	NA	☐	NA		

AUID 1224_02 Headwater portion

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	Silver	12/1/2003	11/30/2010	3		0		2.20	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2003	11/30/2010	3		0		48.60	ID	NA	☐	NA		
Toxic Substances in sediment	Iron	12/1/2003	11/30/2010	3		0		40,000.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2003	11/30/2010	3		0		149.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2003	11/30/2010	3		0		111.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2003	11/30/2010	3		0		4.98	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2003	11/30/2010	3		0		33.00	ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/1/2003	11/30/2010	3		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2003	11/30/2010	3		0		1.06	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	10	2.82	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	14		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	14		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	14		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	28	287.14	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	28	55.54	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	28	37.32	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	14		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	10		1	28.9	26.70	AD	NC	☐	NC		

AUID 1224_02 Headwater portion

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	12/1/2003	11/30/2010	14		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	14		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	13		0		0.20	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	12	0.28	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	12	2.00	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	12	0.18	0		1.15	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	3		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	3		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	3		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	3		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	3		0		5.25	ID	NA	☐	NA		

AUID 1224_02 Headwater portion

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	Cadmium	12/1/2003	11/30/2010	3		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	3		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	28	0.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	12	0.13	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	12	0.18	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	28	0.14	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	12	0.28	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	12	2.19	0		10.00	AD	FS	☐	FS		

SEGID 1225 Waco Lake

AUID 1225_01 North Bosque River arm of lake

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	12/1/2003	11/30/2010	60		4	4.04	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	60		1	2.6	3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	21	8.54	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	60		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	59		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	59		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	218	230.55	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	125	14.09	0		60.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	128	22.13	0		60.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	56		14	0.63	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	30		4	29.95	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	38		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	56		3	0.16	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	54		0		0.05	AD	NC	☐	NC		

AUID 1225_01 North Bosque River arm of lake

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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2003	11/30/2010						OE	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	17	0.16	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	17	1.91	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	17	0.13	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.05	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	9	0.05	0		700.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	63	0.15	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	9	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	5	0.05	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	16	0.27	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	17	0.13	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	17	0.16	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	17	3.43	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	173	0.34	0		10.00	AD	FS	☐	FS		

AUID 1225_02 Portion of lake near 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	12/1/2003	11/30/2010	58		3	3.96	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	58		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	13		0		23.75	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	17		0		1,777.37	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	16		0		20.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	17		0		102.25	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	17		0		44.41	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	17		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	17		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	17		0		143.77	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	17		0		684.08	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	17	3.28	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	17	0.16	0		1.22	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	17	1.91	0		212.30	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	13	1.17	0		14.76	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	17	0.13	0		3.31	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	17	2.47	0		188.57	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	16	0.43	0		5.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	17	1.96	0		125.40	AD	FS	☐	FS		

AUID 1225_02 Portion of lake near dam

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	20	4.46	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	58		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	58		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	58		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	218	230.55	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	125	14.09	0		60.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	128	22.13	0		60.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	39		8	0.79	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	38		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	38		1	0.12	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	32		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	45		4	32.8	26.70	AD	NC	☐	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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2003	11/30/2010						OE	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	17	0.16	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	9	0.05	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.05	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	17	0.13	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	17	1.91	0		62.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1225_02** Portion of lake near dam

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	17	3.43	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	17	0.16	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	63	0.15	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	17	0.13	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	173	0.34	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	16	0.27	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	5	0.05	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	9	0.05	0		700.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1225_03 Middle/South Bosque River arm of lake

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	12/1/2003	11/30/2010	57		5	4.51	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	57		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1		0		550.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2003	11/30/2010	1		0		1,520.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2003	11/30/2010	1		0		5,310.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2003	11/30/2010	1		0		161.06	ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/2003	11/30/2010	1		0		43.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1		0		350.00	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2003	11/30/2010	1		0		1,170.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2003	11/30/2010	1		0		561.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2003	11/30/2010	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2003	11/30/2010	1		0		1,050.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2003	11/30/2010	1		0		89.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		240.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2003	11/30/2010	1		0		845.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2003	11/30/2010	1		0		1,450.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2003	11/30/2010	1		0		4,650.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2003	11/30/2010	1		0		1,290.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2003	11/30/2010	1		0		140.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2003	11/30/2010	1		0		2,230.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2003	11/30/2010	1		0		536.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1225_03 Middle/South Bosque River arm of lake

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	Acenaphthylene	12/1/2003	11/30/2010	1		0		130.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	20	10.64	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	57		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	57		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	57		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	125	14.09	0		60.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	128	22.13	0		60.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	218	230.55	0		400.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	38		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	40		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	27		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	26		5	30.56	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	40		14	1.26	0.37	AD	CS	☐	CS	nitrate	

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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2003	11/30/2010						OE	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	17	0.16	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	9	0.05	0		700.00	LD	NC	☐	NC		

AUID 1225_03 Middle/South Bosque River arm of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.05	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	17	1.91	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	17	0.13	0		1.15	AD	FS	☐	FS		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	16	0.27	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	17	3.43	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	9	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	5	0.05	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	17	0.13	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	17	0.16	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	173	0.34	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	63	0.15	0		4.00	AD	FS	☐	FS		

SEGID 1225A Hog Creek (unclassified water body)

AUID 1225A_01 From its confluence with Live Oak Creek downstream to Lake Waco

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	12/1/2003	11/30/2010	55		1	2.2	3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	55		0		2.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	55	85.79	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	56		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	56		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	48		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	53		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	55		0		14.10	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1226 North Bosque River

AUID 1226_01 Portion of North Bosque River from confluence with Lake Waco in McLennan County upstream to confluence with Neils Creek in Bosque County.

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	12/1/2003	11/30/2010	176		2	4.75	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	176		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	15		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	15		0		71.65	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	15		0		968.07	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	15		0		35.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	15		0		175.41	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	15		0		2,544.21	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	15		0		205.91	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	15		0		991.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	13	0.03	0		1.49	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	13	2.10	0		233.95	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	13	2.29	0		155.63	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	13	0.07	0		4.58	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	13	1.38	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	13	1.21	0		18.36	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	13	0.60	0		261.58	AD	FS	☐	FS		
Habitat	Habitat	12/1/2003	11/30/2010	3	22.00			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	4	38.90			29.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1226_01** Portion of North Bosque River from confluence with Lake Waco in McLennan County upstream to confluence with Neils Creek in Bosque County.

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
Fish Community	Fish Community	12/1/2003	11/30/2010	4	52.10			41.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	90	67.98	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	177		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	176		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	176		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	861	323.28	0		540.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	326	28.47	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	325	27.82	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	186		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	180		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	159		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	166		1	0.99	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	160		32	26.14	14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	15	0.06	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	15	0.86	0		62.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1226_01** Portion of North Bosque River from confluence with Lake Waco in McLennan County upstream to confluence with Neils Creek in Bosque County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	15	0.07	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	13	0.10	0		6.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	13	0.10	0		6.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	15	0.06	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	15	1.35	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1226_01** Portion of North Bosque River from confluence with Lake Waco in McLennan County upstream to confluence with Neils Creek in Bosque County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	15	59.36	0		2,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	155	0.25	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	15	0.07	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	878	0.26	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	7	0.11	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1226_02 Portion of North Bosque River from confluence with Neils Creek upstream to confluence with Meridian Creek in Bosque County.

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	12/1/2003	11/30/2010	295		5	3.82	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	295		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	5		0		20.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	5	0.12	0		5.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	1.20	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	0.60	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.49	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	1.47	0		190.00	ID	NA	☐	NA		
Continuous Dissolved Oxygen Daily 24hr Average	Continuous Dissolved Oxygen 24hr	12/1/2003	11/30/2010						ID	NA	☑	CN	depressed dissolved oxygen	
Continuous Dissolved Oxygen Daily 24hr Minimum	Continuous Dissolved Oxygen 24hr	12/1/2003	11/30/2010						ID	NA	☑	CN	depressed dissolved oxygen	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1226_02** Portion of North Bosque River from confluence with Neils Creek upstream to confluence with Meridian Creek in Bosque County.

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	168	38.78	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	298		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	298		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	298		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	861	323.28	0		540.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	326	28.47	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	325	27.82	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	312		90	25.14	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	312		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	318		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	288		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	298		0		0.69	AD	NC	☐	NC		
Nutrient Enrichment	Algae	12/1/2003	11/30/2010						OE	NS	☑	NS	excessive algal growth	4a

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		

AUID 1226_02 Portion of North Bosque River from confluence with Neils Creek upstream to confluence with Meridian Creek in Bosque County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	13	0.10	0		6.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	15	0.07	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	15	0.86	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	15	0.06	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	13	0.10	0		6.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	15	1.35	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	15	59.36	0		2,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	15	0.06	0		5.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1226_02** Portion of North Bosque River from confluence with Neils Creek upstream to confluence with Meridian Creek in Bosque County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	155	0.25	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	15	0.07	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	878	0.26	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	7	0.11	0		50.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1226_03** Portion of North Bosque River from confluence with Meridian Creek upstream to confluence with Duffau Creek in Bosque County.

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	12/1/2003	11/30/2010	180		1	3.1	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	180		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	2		0		20.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	2	0.10	0		5.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	98	44.39	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	179		1	32.9	32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	180		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	180		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	861	323.28	0		540.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	326	28.47	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	325	27.82	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	186		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	184		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	186		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	188		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	186		72	29.37	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Enrichment	Algae	12/1/2003	11/30/2010						OE	NS	☑	NS	excessive algal growth	4a

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1226_03** Portion of North Bosque River from confluence with Meridian Creek upstream to confluence with Duffau Creek in Bosque County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	13	0.10	0		6.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	15	0.07	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	15	0.86	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	15	0.06	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	878	0.26	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1226_03** Portion of North Bosque River from confluence with Meridian Creek upstream to confluence with Duffau Creek in Bosque County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	13	0.10	0		6.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	7	0.11	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	15	0.07	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	155	0.25	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	15	0.06	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	15	59.36	0		2,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	15	1.35	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1226_04** Portion of North Bosque River from confluence with Duffau Creek in Bosque County upstream to a point immediately upstream of Indian Creek confluence (end of segment) in Erath County.

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	12/1/2003	11/30/2010	191		5	3.84	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	191		1	2.8	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	4		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	4		0		3.00	LD	NC	☐	NC		
Habitat	Habitat	12/1/2003	11/30/2010	2	21.30			20.00	TR	NA	☐	NA		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	23.70			29.00	TR	CS	☐	CS	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2003	11/30/2010	2	44.90			41.00	TR	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	105	120.20	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	191		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	191		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	191		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	861	323.28	0		540.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	326	28.47	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	325	27.82	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	188		2	2.16	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	184		45	0.72	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	182		0		0.33	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1226_04** Portion of North Bosque River from confluence with Duffau Creek in Bosque County upstream to a point immediately upstream of Indian Creek confluence (end of segment) in Erath County.

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	12/1/2003	11/30/2010	182		16	1.4	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	185		83	40.02	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Enrichment	Algae	12/1/2003	11/30/2010						OE	NS	☑	NS	excessive algal growth	4a

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	15	0.07	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	15	0.86	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	15	0.06	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	13	0.10	0		6.00	AD	FS	☐	FS		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	878	0.26	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1226_04** Portion of North Bosque River from confluence with Duffau Creek in Bosque County upstream to a point immediately upstream of Indian Creek confluence (end of segment) in Erath County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	13	0.10	0		6.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	7	0.11	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	15	0.07	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	155	0.25	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	15	0.06	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	15	59.36	0		2,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	15	1.35	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

SEGID 1226A Duffau Creek (unclassified water body)

AUID 1226A_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	174		15	3.55	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	174		5	2.34	3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	148	111.06	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	170		1	1.97	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	169		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	162		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	165		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	44		1	85.8	14.10	AD	NC	☐	NC		

SEGID 1226B Green Creek (unclassified water body)

AUID 1226B_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	243		5	1.36	3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	243		4	1.15	2.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	3		0		3.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	3		0		2.00	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	3	19.00			4.00	AD	NC	☐	NC		
Fish Community	Fish Community	12/1/2003	11/30/2010	4	54.80			11.00	AD	FS	☐	FS		
Continuous Dissolved Oxygen Daily 24hr Average	Continuous Dissolved Oxygen 24hr	12/1/2003	11/30/2010						ID	NA	☑	NS	depressed dissolved oxygen	5b
Continuous Dissolved Oxygen Daily 24hr Minimum	Continuous Dissolved Oxygen 24hr	12/1/2003	11/30/2010						ID	NA	☑	NS	depressed dissolved oxygen	5b

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	153	127.58	1		126.00	JQ	NS	☐	CN	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	Nitrate	12/1/2003	11/30/2010	242		53	6.8	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	239		6	0.55	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	240		2	0.52	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	240		1	1.11	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	146		46	30.72	14.10	AD	CS	☐	CS	chlorophyll-a	

SEGID 1226C Meridian Creek (unclassified water body)

AUID 1226C_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	53		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	53		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	3.03	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	0.15	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.32	0		190.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	38	37.67	0		126.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1226C_01 Entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	51		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	52		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	26		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	41		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	44		0		14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	1	0.30	-99			ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	3	0.50	0		513.00	ID	NA	☐	NA		

SEGID 1226D Neils Creek (unclassified water body)

AUID 1226D_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	111		1	2.8	3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	111		0		2.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	56	76.63	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	114		2	0.88	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	113		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	119		5	2.48	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	119		2	66.6	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	118		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		

AUID 1226D_01 Entire water body

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		

SEGID 1226E Indian Creek (unclassified water body)

AUID 1226E_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	39		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	39		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	39	315.54	1		126.00	AD	NS	☐	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	Chlorophyll-a	12/1/2003	11/30/2010	15		9	29.49	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	39		7	1.05	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	39		8	0.61	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	39		15	5.41	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	39		3	1.27	0.33	AD	NC	☐	NC		

SEGID 1226F Sims Creek (unclassified water body)

AUID 1226F_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	89		2	1.5	2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	89		1	1.4	1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	85	212.11	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	89		1	2.1	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	88		3	0.5	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	89		1	0.35	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	89		2	0.81	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	19		6	66.07	14.10	AD	CS	☐	CS	chlorophyll-a	

SEGID 1226G Spring Creek (unclassified water body)

AUID 1226G_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	80		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	80		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	8	187.94	0		200.00	LD	NC	☐	NC		
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	75	64.15	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	80		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	80		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	80		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	80		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		

SEGID 1226H Alarm Creek (unclassified water body)

AUID 1226H_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	66		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	66		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	63	241.14	1		126.00	AD	NS	☐	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	Total Phosphorus	12/1/2003	11/30/2010	65		7	1.17	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	19		6	22.55	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	66		12	0.59	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	66		12	3.2	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	66		5	0.43	0.33	AD	NC	☐	NC		

SEGID 1226I Gilmore Creek (unclassified water body)

AUID 1226I_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	69		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	69		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	67	34.90	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	69		1	2.16	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	69		3	0.46	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	69		1	0.47	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	69		0		0.69	AD	NC	☐	NC		

SEGID 1226J Honey Creek (unclassified water body)

AUID 1226J_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	71		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	71		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	67	42.15	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	71		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	28		1	17.1	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	71		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	71		1	2.3	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	71		0		0.69	AD	NC	☐	NC		

SEGID 1226K Little Duffau Creek (unclassified water body)

AUID 1226K_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	53		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	53		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	50	705.80	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	53		25	6.7	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	53		26	0.82	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	53		8	6.82	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	53		20	1.57	0.69	AD	CS	☐	CS	total phosphorus	

SEGID 1226M Little Green Creek (unclassified water body)

AUID 1226M_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	64		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	64		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	61	384.38	1		126.00	AD	NS	☐	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	Ammonia	12/1/2003	11/30/2010	64		1	0.9	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	64		1	1.73	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	64		2	2.43	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	64		2	0.95	0.37	AD	NC	☐	NC		

SEGID 1226N Indian Creek Reservoir (unclassified water body)

AUID 1226N_01 entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010						ID	NA	☑	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010						ID	NA	☑	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010						ID	NA	☑	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010						ID	NA	☑	CS	chlorophyll-a	

SEGID 1226O Sims Creek Reservoir (unclassified water body)

AUID 1226O_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010						ID	NA	☑	CS	depressed dissolved oxygen	

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	12/1/2003	11/30/2010						ID	NA	☑	CS	chlorophyll-a	

SEGID 1226Q Walker Branch (unclassified water body)

AUID 1226Q_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	6		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	6		0		3.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	6	88.99	0		126.00	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	6		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	6		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	6		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	6		0		0.33	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1227 Nolan River

AUID 1227_01 Portion of Nolan River from confluence with Whitney Lake upstream to confluence with Mustang Creek in Hill County.

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	12/1/2003	11/30/2010	32		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	32		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	5		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	6		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	6		0		55.70	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	6		0		806.38	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	5		0		27.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	6		0		132.03	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	6		0		2,106.53	LD	NC	☐	NC		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	5		0		170.43	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	6	0.18	0		4.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	5	3.82	0		155.63	LD	NC	☐	NC		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	6	3.44	0		233.95	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	6	2.07	0		261.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	6	3.26	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	6	0.15	0		1.49	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	5	2.08	0		18.36	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1227_01** Portion of Nolan River from confluence with Whitney Lake upstream to confluence with Mustang Creek in Hill County.

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
Fish Community	Fish Community	12/1/2003	11/30/2010	2	39.90			35.00	AD	CS	☐	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 Geomean	E. coli	12/1/2003	11/30/2010	24	64.15	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	32		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	32		1	9.6	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	32		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	94	62.82	0		75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	92	110.19	1		75.00	AD	NS	☐	NS	sulfate	5b
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	97	503.25	1		500.00	AD	NS	☐	NS	total dissolved solids	5b
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	30		9	0.98	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	17		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	15		3	1.64	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	26		10	31.54	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	31		3	6.49	1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		956,663.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1227_01** Portion of Nolan River from confluence with Whitney Lake upstream to confluence with Mustang Creek in Hill County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	2	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	6	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	4	0.22	0		1,071.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	6	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	7	0.22	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	7	2.49	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	6	0.50	0		29.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1227_02** Portion of Nolan River from confluence with Mustang Creek in Hill County upstream to confluence with Lake Pat Cleburne Dam in Johnson County.

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	12/1/2003	11/30/2010	51		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	51		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	6.32	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.40	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.33	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	8.29	0		155.63	ID	NA	☐	NA		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	53.70			35.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1227_02** Portion of Nolan River from confluence with Mustang Creek in Hill County upstream to confluence with Lake Pat Cleburne Dam in Johnson County.

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	74	55.45	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	52		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	51		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	51		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	97	503.25	1		500.00	AD	NS	☐	NS	total dissolved solids	5b
Dissolved Solids	Chloride	12/1/2003	11/30/2010	94	62.82	0		75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	92	110.19	1		75.00	AD	NS	☐	NS	sulfate	5b
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	51		28	1.01	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	53		19	24.05	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	39		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	54		26	6.19	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	40		19	1.35	0.69	AD	CS	☐	CS	total phosphorus	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		553.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	6	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	2	0.50	0		1.50	ID	ND	☐	ND		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1227_02** Portion of Nolan River from confluence with Mustang Creek in Hill County upstream to confluence with Lake Pat Cleburne Dam in Johnson County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	6	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	4	0.22	0		1,071.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	7	0.22	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	7	2.49	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	6	0.50	0		513.00	LD	NC	☐	NC		

SEGID 1227A Buffalo Creek (unclassified water body)

AUID 1227A_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	19		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	19		0		2.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	24	99.66	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	19		16	2.2	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	19		0		14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	20		19	1.73	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	20		19	9.85	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	18		2	1.36	0.33	AD	NC	☐	NC		

SEGID 1228 Lake Pat Cleburne

AUID 1228_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	65		2	3.85	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	65		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		40.27	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		1,651.46	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		637.11	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2		0		133.57	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		91.54	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		183.41	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2	1.36	0		121.97	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.15	0		3.18	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		206.67	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	7.48	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.19	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	55	10.24	0		126.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1228_01 Entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	65		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	65		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	65		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	58		17	36.13	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	57		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	65		5	0.44	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	61		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	28		2	0.17	0.11	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.15	0		1.15	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water Dissolved Solids average	Total Dissolved Solids	12/1/2003	11/30/2010	254	207.66	0		1,000.00	AD	NC	☐	NC		
Surface Water Dissolved Solids average	Chloride	12/1/2003	11/30/2010	67	20.55	0		300.00	AD	NC	☐	NC		
Surface Water Dissolved Solids average	Sulfate	12/1/2003	11/30/2010	64	17.95	0		300.00	AD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	2	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	68	0.12	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	26	0.18	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	2	47.71	0		2,000.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1228_01** Entire water body

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	2	7.48	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	2	0.50	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	2	0.15	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	2	0.50	0		3.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1229 Paluxy River /North Paluxy River

AUID 1229_01 Portion of Paluxy River from confluence with Brazos River near Glen Rose in Somervell county upstream to confluence with Richardson Creek in Hood County.

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	12/1/2003	11/30/2010	26		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	26		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	1.53	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	4.48	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	21	40.07	0		126.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1229_01** Portion of Paluxy River from confluence with Brazos River near Glen Rose in Somervell county upstream to confluence with Richardson Creek in Hood County.

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	12/1/2003	11/30/2010	26		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	25		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	25		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	36	19.82	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	36	35.56	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	36	294.82	0		500.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	26		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	26		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		62.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1229_01** Portion of Paluxy River from confluence with Brazos River near Glen Rose in Somervell county upstream to confluence with Richardson Creek in Hood County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	1	4.48	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	35	0.05	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.50	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	8	0.27	0		4.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1229_01** Portion of Paluxy River from confluence with Brazos River near Glen Rose in Somervell county upstream to confluence with Richardson Creek in Hood County.

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 Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	1	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1229_02** Portion of Paluxy River from confluence with Richardson Creek upstream to confluence with North/South Paluxy Fork in Erath County.

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	12/1/2003	11/30/2010	9		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		0		3.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	8	34.05	0		126.00	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	9		0		32.80	LD	NC	☐	NC		
High pH	pH	12/1/2003	11/30/2010	9		0		9.00	LD	NC	☐	NC		
Low pH	pH	12/1/2003	11/30/2010	9		0		6.50	LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	36	294.82	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	36	19.82	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	36	35.56	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	9		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	8		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	8		0		14.10	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	9		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	9		0		0.33	LD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1229_02** Portion of Paluxy River from confluence with Richardson Creek upstream to confluence with North/South Paluxy Fork in Erath County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1229_02** Portion of Paluxy River from confluence with Richardson Creek upstream to confluence with North/South Paluxy Fork in Erath County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	35	0.05	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	8	0.27	0		4.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.50	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	1	4.48	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	1	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1229_03 — Portion of North Paluxy River from the confluence with Paluxy / South Paluxy Fork upstream to confluence with Rough Creek in Erath County.

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2003	11/30/2010	36	19.82	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	36	35.56	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	36	294.82	0		500.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1229_03** Portion of North Paluxy River from the confluence with Paluxy / South Paluxy Fork upstream to confluence with Rough Creek in Erath County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	35	0.05	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	8	0.27	0		4.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	1	4.48	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.50	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		4.10	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	1	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

SEGID 1229A Squaw Creek Reservoir (unclassified water body)

AUID 1229A_01 Entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010						ID	NA	☑	CS	orthophosphorus	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010						ID	NA	☑	CS	total phosphorus	

SEGID 1230 Lake Palo Pinto

AUID 1230_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	17		1	3.76	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	17		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	14	1.88	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	17		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	17		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	17		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	17	261.18	0		450.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	17	30.65	0		100.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	17	37.29	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	16		0		26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	16		2	0.41	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	17		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	16		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	16		0		0.20	AD	NC	☐	NC		

AUID **1230_01** Entire segment

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	16	0.09	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	17	0.20	0		4.00	AD	FS	☐	FS		

SEGID 1231 Lake Graham

AUID **1231_01** Entire segment

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	21	355.80	0		500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	21	103.57	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	21	24.14	0		75.00	AD	FS	☐	FS		

SEGID 1232 Clear Fork Brazos River

AUID 1232_01 From confluence with Brazos River, upstream to conf. With Hubbard Creek

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	95	1360.60	0		4,900.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	98	350.61	0		1,250.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	99	423.10	0		2,200.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	2	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	5	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	5	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	9	0.31	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	12	5.00	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1232_01** From confluence with Brazos River, upstream to conf. With Hubbard Creek

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1232_02** From confluence with Hubbard Creek upstream to confluence with Deadman Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	71		1	4.29	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	71		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	7		0		239.96	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	6		0		510.49	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	7		0		6,298.92	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	5		0		686.24	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	7		0		2,328.40	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	7		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	6		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	7		0		97.17	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	7	2.86	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	7	0.15	0		4.12	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	7	5.00	0		755.31	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	7	2.11	0		55.49	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	5	0.31	0		23.82	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	7	5.00	0		699.55	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	6	7.78	0		466.15	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	57	37.11	0		126.00	AD	FS	☐	FS		

AUID 1232_02 From confluence with Hubbard Creek upstream to confluence with Deadman Creek

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	71		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	71		5	9.44	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	71		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	95	1360.60	0		4,900.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	98	350.61	0		1,250.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	99	423.10	0		2,200.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	73		16	5.39	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	76		29	1.16	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	62		1	0.76	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	67		17	1.36	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	66		42	92.44	14.10	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	2	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	5	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	5	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	9	0.31	0		3.83	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1232_02** From confluence with Hubbard Creek upstream to confluence with Deadman Creek

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	12	5.00	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		5,201.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1232_03** From confluence with Deadman Creek upstream to conf. With Bitter Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	23		5	4.29	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	23		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4		0		510.49	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	5		0		6,298.92	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	4		0		686.24	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	5		0		97.17	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	5		0		2,328.40	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	5		0		239.96	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	4		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	5		0		360.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	5	5.00	0		755.31	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	5	5.00	0		699.55	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4	4.40	0		466.15	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	5	0.15	0		4.12	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	5	3.16	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	4	0.30	0		23.82	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	5	1.74	0		55.49	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	21	75.59	0		126.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1232_03** From confluence with Deadman Creek upstream to conf. With Bitter Creek

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	23		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	23		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	23		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	98	350.61	0		1,250.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	99	423.10	0		2,200.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	95	1360.60	0		4,900.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	23		1	2.67	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	17		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	21		1	1.49	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	20		10	42.14	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	23		3	5.03	1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	2	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	5	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	5	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	9	0.31	0		3.83	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1232_03** From confluence with Deadman Creek upstream to conf. With Bitter Creek

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	12	5.00	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		29.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		

AUID 1232_04 From confluence with Bitter Creek upstream to end of segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2003	11/30/2010	98	350.61	0		1,250.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	99	423.10	0		2,200.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	95	1360.60	0		4,900.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	2	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	5	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	12	5.00	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	2	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		29.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		513.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	9	0.31	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	5	0.50	0		649.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1232_04** From confluence with Bitter Creek upstream to end of segment

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	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		

SEGID 1232A California Creek (unclassified water body)

AUID 1232A_01 Portion of California Creek from confluence with Paint Creek in Haskell County upstream to confluence with Thompson Creek in Jones County.

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	12/1/2003	11/30/2010	23		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	23		0		3.00	AD	FS	☐	FS		
Habitat	Habitat	12/1/2003	11/30/2010	2	19.50			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	21.00			29.00	AD	CN	☐	CN	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2003	11/30/2010	2	36.90			41.00	AD	NS	☐	CN	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 Geomean	E. coli	12/1/2003	11/30/2010	14	120.36	0		126.00	AD	FS	☑	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	Ammonia	12/1/2003	11/30/2010	22		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	23		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		1	0.49	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	22		9	6.83	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	23		18	67.45	14.10	AD	CS	☐	CS	chlorophyll-a	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1232B Deadman Creek (unclassified water body)

AUID 1232B_01 From the confluence with Clear Fork Brazos, upstream to city of Abilene WWTP receiving water

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	12/1/2003	11/30/2010	22		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	22		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	4		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	4		0		132.03	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4		0		170.43	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	5		0		2,106.53	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	5		0		28.69	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	5		0		806.38	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	5		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	5		0		55.70	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4	18.13	0		155.63	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	5	3.66	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	5	0.15	0		1.49	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	5	5.00	0		261.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	5	3.18	0		18.36	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	4	0.51	0		4.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	5	5.00	0		233.95	LD	NC	☐	NC		
Habitat	Habitat	12/1/2003	11/30/2010	2	18.80			14.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	30.20			22.00	AD	CS	☐	CS	impaired macrobenthic community	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1232B_01 From the confluence with Clear Fork Brazos, upstream to city of Abilene WWTP receiving water

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
Fish Community	Fish Community	12/1/2003	11/30/2010	2	43.60			35.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	20	137.72	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	25		24	12.23	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	26		25	2.63	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	16		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	24		22	2.61	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	23		0		14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	6	0.39	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	7	5.00	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	1	5.00	0		5,201.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1232B_02** Upstream of WWTP outfall to headwaters

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	12/1/2003	11/30/2010	7		0		2.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	7		0		1.50	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	1.45	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2	3.35	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.40	0		190.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	7	157.56	1		126.00	LD	CN	☐	CN	bacteria	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1232B_02** Upstream of WWTP outfall to headwaters

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	12/1/2003	11/30/2010	7		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	4		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	7		1	2.7	1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	6		0		14.10	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	7		0		0.37	LD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	1	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	7	5.00	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	6	0.39	0		3.83	LD	NC	☐	NC		

SEGID 1232C Paint Creek (unclassified water body)

AUID 1232C_01 From confluence with Clear Fork Brazos River upstream to Lake Stamford

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	12/1/2003	11/30/2010	15		1	4.9	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	15		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	11	73.15	0		126.00	AD	FS	☐	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	Chlorophyll-a	12/1/2003	11/30/2010	13		6	23.02	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	12		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	14		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	15		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	13		0		0.33	AD	NC	☐	NC		

SEGID 1233 Hubbard Creek Reservoir

AUID 1233_01 Main body of lake

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	12/1/2003	11/30/2010	49		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	49		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	18	1.73	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	61		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	49		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	49		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	45	216.20	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	45	67.68	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	74	676.86	0		900.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	35		1	0.08	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	36		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	19		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	20		0		26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	34		0		0.37	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1233_01** Main body of lake

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	22	0.39	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	72	0.04	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1233_02 Hubbard Creek Arm

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	12/1/2003	11/30/2010	34		8	3.4	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	34		3	1.88	3.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	37		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	34		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	34		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	74	676.86	0		900.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	45	216.20	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	45	67.68	0		150.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	4		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	4		0		0.05	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	4		0		0.11	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		26.70	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	22	0.39	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	72	0.04	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1233_03** Big Sandy Creek Arm

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	12/1/2003	11/30/2010	44		1	4.5	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	44		0		3.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	57		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	44		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	44		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	45	216.20	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	45	67.68	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	74	676.86	0		900.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	17		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	18		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	18		0		0.11	AD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	22	0.39	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	72	0.04	0		10.00	AD	FS	☐	FS		

SEGID 1233A Big Sandy Creek (unclassified water body)

AUID 1233A_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	18		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	18		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	3		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	0.50	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.33	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	7.45	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	2.50	0		190.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	5	68.72	0		126.00	LD	NC	☐	NC		

AUID 1233A_01 entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	6		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	5		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	3		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	3		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	3		2	29.05	14.10	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.33	0		3.83	ID	NA	☐	NA		

SEGID 1233B Hubbard Creek (unclassified water body)

AUID 1233B_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		0		3.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1234 Lake Cisco

AUID 1234_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Fluorene	12/1/2003	11/30/2010	1		0		536.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2003	11/30/2010	1		0		5,310.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2003	11/30/2010	1		0		161.06	ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/2003	11/30/2010	1		0		43.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2003	11/30/2010	1		0		1,050.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1		0		350.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2003	11/30/2010	1		0		1,520.00	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2003	11/30/2010	1		0		1,170.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2003	11/30/2010	1		0		561.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2003	11/30/2010	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		240.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2003	11/30/2010	1		0		2,230.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2003	11/30/2010	1		0		140.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2003	11/30/2010	1		0		1,290.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2003	11/30/2010	1		0		1,450.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2003	11/30/2010	1		0		845.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2003	11/30/2010	1		0		130.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1234_01** Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Acenaphthene	12/1/2003	11/30/2010	1		0		89.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2003	11/30/2010	1		0		4,650.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1		0		550.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	12	2.38	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	14		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	14		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	14		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	14	235.95	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	14	31.36	0		75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	14	27.86	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	12		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	12		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	14		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	12		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	11		0		26.70	AD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	14	0.26	0		4.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1234_01** Entire water body

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	12	0.05	0		10.00	AD	FS	☐	FS		

SEGID 1235 Lake Stamford

AUID 1235_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	11		2	4.1	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	11		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	8	4.83	0		126.00	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	11		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	11		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	11		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	13	517.00	0		2,100.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	13	113.77	0		580.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	13	79.38	0		400.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	11		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	11		1	30	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	13		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	13		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	13		1	0.12	0.11	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1235_01 Entire segment

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	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	13	0.29	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	13	0.03	0		10.00	AD	FS	☐	FS		

SEGID 1236 Fort Phantom Hill Reservoir

AUID 1236_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	4		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	4		0		3.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	2	1.00	0		126.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	4		0		33.90	LD	NC	☐	NC		
High pH	pH	12/1/2003	11/30/2010	4		0		9.00	LD	NC	☐	NC		
Low pH	pH	12/1/2003	11/30/2010	4		0		6.50	LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	3	329.57	0		550.00	ID	NA	☐	NA		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	3	101.33	0		130.00	ID	NA	☐	NA		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	3	41.67	0		150.00	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	3		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	3		1	0.1	0.05	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	3		0		0.11	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	3		0		0.20	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	3		0		26.70	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1236_01** Entire segment

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	3	0.24	0		4.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	3	0.06	0		10.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1238 Salt Fork Brazos River

AUID 1238_01 Portion of Salt Fork Brazos River from confluence with Double Mountain Fork Brazos River upstream to confluence with Croton Creek in Stonewall County.

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	12/1/2003	11/30/2010	25		1	4.5	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	9		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	9		0		708.53	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8		0		5,110.50	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	4		0		240.06	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	7		0		2,328.81	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	8		0		14,188.20	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3		0		1,151.30	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	8		0		991.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	7	0.20	0		80.85	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	9	0.15	0		8.76	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3	10.27	0		1,051.32	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	8	23.20	0		1,575.71	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8	42.53	0		1,657.79	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	9	5.32	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	4	13.10	0		126.02	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	14	13.73	0		200.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1238_01** Portion of Salt Fork Brazos River from confluence with Double Mountain Fork Brazos River upstream to confluence with Croton Creek in Stonewall County.

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	12/1/2003	11/30/2010	25		1	35.53	33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	25		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	25		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	38	19309.63	0		23,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	38	2872.32	0		4,000.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	37	28161.34	0		40,000.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	22		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	11		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	10		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	10		0		14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	23		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	2	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	16	44.68	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	14	0.20	0		3.83	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1238_01** Portion of Salt Fork Brazos River from confluence with Double Mountain Fork Brazos River upstream to confluence with Croton Creek in Stonewall County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1238_02** Portion of Salt Fork Brazos River from confluence with Croton Creek in Stonewall County upstream to confluence with Butte Creek in Kent County.

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	12/1/2003	11/30/2010	14		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	9		0		14,188.20	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3		0		1,151.30	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	7		0		2,328.81	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	4		0		240.06	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	9		0		708.53	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	9		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	8		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8		0		5,110.50	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	4	10.33	0		126.02	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3	12.90	0		1,051.32	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	9	3.32	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	7	0.20	0		80.85	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8	46.84	0		1,657.79	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	9	0.15	0		8.76	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	9	16.63	0		1,575.71	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	9	6.85	0		200.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1238_02** Portion of Salt Fork Brazos River from confluence with Croton Creek in Stonewall County upstream to confluence with Butte Creek in Kent County.

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	12/1/2003	11/30/2010	14		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	14		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	14		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	38	2872.32	0		4,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	38	19309.63	0		23,000.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	37	28161.34	0		40,000.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	12		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	12		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	2	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	14	0.20	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	16	44.68	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1238_03** Portion of Salt Fork Brazos River from confluence with Butte Creek in Kent County upstream to headwaters in Crosby County.

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	37	28161.34	0		40,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	38	19309.63	0		23,000.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	38	2872.32	0		4,000.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	2	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	2	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	14	0.20	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	16	44.68	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		

SEGID 1238A Croton Creek (unclassified water body)

AUID 1238A_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		0		1.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	9		0		2,106.53	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	8		0		132.03	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	4		0		28.69	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	10		0		55.70	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	10		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	9		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8		0		806.38	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	4	6.20	0		18.36	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3	8.50	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	10	2.21	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	8	0.19	0		4.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8	35.15	0		261.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	10	0.15	0		1.49	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	9	23.92	0		233.95	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/1/2003	11/30/2010	0				33.00	JQ	NA	☑	CN	bacteria	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1238A_01** entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	12		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	12		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	1	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.19	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	8	35.15	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		

SEGID 1240 White River Lake

AUID 1240_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	24	2.16	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	24		0		31.70	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	24		1	9.1	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	24		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	24	815.19	1		650.00	AD	NS	☐	NS	total dissolved solids	5b
Dissolved Solids	Chloride	12/1/2003	11/30/2010	24	210.58	1		150.00	AD	NS	☐	NS	chloride	5b
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	24	99.29	0		100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	22		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	21		3	42.83	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	23		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	22		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		1	0.08	0.05	AD	NC	☐	NC		

AUID 1240_01 Entire segment

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	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	25	1.82	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	22	0.04	0		10.00	AD	FS	☐	FS		

SEGID 1240A White River above White River Reservoir (unclassified water body)

AUID 1240A_01 Lower 25 miles

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	12/1/2003	11/30/2010	1		0		2.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	1		0		1.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	4.90	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	7.10	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	6.80	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1240A_02** Remainder of segment

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		

SEGID 1241 Double Mountain Fork Brazos River

AUID 1241_01 25 miles near Hwy 83

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	12/1/2003	11/30/2010	24		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	5		0		79.67	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3		0		426.99	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	8		0		524.72	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8		0		1,959.19	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	10		0		189.18	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	10		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	9		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	9		0		5,270.04	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	10	4.50	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	10	0.17	0		3.49	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8	7.79	0		635.54	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	5	4.92	0		46.35	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	8	0.19	0		18.22	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	9	6.02	0		585.28	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	3	4.67	0		389.90	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	5	18.00			200.00	SM	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1241_01** 25 miles near Hwy 83

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/1/2003	11/30/2010	0				33.00	JQ	NA	☑	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
Water Temperature	Temperature	12/1/2003	11/30/2010	24		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	24		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	24		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	24	3305.61	0		5,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	24	1338.70	0		2,500.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	25	1086.74	0		2,400.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	24		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	22		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	11		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	11		4	6.1	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	10		4	42.63	14.10	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.19	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	1	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1241_01 — 25 miles near Hwy 83

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	8	7.79	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		

AUID 1241_02 — Remainder of segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	24	3305.00			5,500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	24	1338.00			2,500.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	25	1086.00			2,400.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	1	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	8	7.79	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.19	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		

SEGID 1241A North Fork Double Mountain Fork Brazos River (unclassified water body)

AUID 1241A_01 From confluence with Double Mountain Fork of Brazos River to Lake Ransom Canyon

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	12/1/2003	11/30/2010	41		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	41		0		2.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	34	118.42	0		126.00	AD	FS	☐	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	Chlorophyll-a	12/1/2003	11/30/2010	43		38	87.43	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	43		12	5.94	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	40		12	0.95	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	41		6	2.04	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	41		13	2.11	0.69	AD	CS	☐	CS	total phosphorus	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1241A_02** Upstream portion, from confluence with Lake Buffalo Springs upstream to confluence with Yellow House Draw

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	12/1/2003	11/30/2010	23		2	3.15	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	23		1	2.7	3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	18	119.65	0		126.00	AD	FS	☑	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	25		15	3.41	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	24		2	0.39	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	24		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	25		23	62.63	14.10	AD	CS	☐	CS	chlorophyll-a	

SEGID 1241B Lake Alan Henry (unclassified water body)

AUID 1241B_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	12		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	12		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	11	2.31	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	13		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	13		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	13		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	14		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	13		0		26.70	AD	NC	☐	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
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/1/2003	11/30/2010						OE	NS	☐	NS	mercury in edible tissue	5c
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1241B_01** entire water body

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	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		

SEGID 1241C Buffalo Springs Lake (unclassified water body)

AUID 1241C_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	13		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	13		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	11	4.11	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	14		7	1.05	0.37	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	13		1	0.24	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	14		13	56.45	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	13		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	13		4	0.29	0.11	AD	NC	☐	NC		

SEGID 1241D South Fork Double Mountain Fork Brazos River upstream of confluence with North Fork Double Mountain Fork

AUID 1241D_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	11		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	11		0		1.50	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1242 Brazos River Above Navasota River

AUID 1242_01 Portion of Brazos River from confluence with Navasota River upstream to confluence with Thompson's Creek in Brazos County.

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	12/1/2003	11/30/2010	26		1	3.29	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	26		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,768.45	ID	NA	☐	NA		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1		0		136.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		199.18	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		38.90	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		80.19	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		224.08	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.92	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	1.65	0		24.19	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.33	0		6.91	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		307.46	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	0.10	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	2.50	0		204.62	ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		64.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_01** Portion of Brazos River from confluence with Navasota River upstream to confluence with Thompson's Creek in Brazos County.

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	25	26.19	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	26		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	26		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	26		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	193	759.92	0		1,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	190	269.35	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	184	115.54	0		200.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	25		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	25		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	6	4.25	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_01** Portion of Brazos River from confluence with Navasota River upstream to confluence with Thompson's Creek in Brazos County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	27	0.36	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	27	0.33	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	23	2.13	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	13	4.65	0		100.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_01** Portion of Brazos River from confluence with Navasota River upstream to confluence with Thompson's Creek in Brazos County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	12	0.54	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	6	4.25	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	7	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_01** Portion of Brazos River from confluence with Navasota River upstream to confluence with Thompson's Creek in Brazos County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	27	3.40	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	5	103.85	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	27	0.36	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	27	0.26	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	27	0.33	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	23	0.12	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_01** Portion of Brazos River from confluence with Navasota River upstream to confluence with Thompson's Creek in Brazos County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	13	4.65	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	155	0.59	0		10.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	4	0.50	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1242_02 Portion of Brazos River from confluence with Thompson's Creek in Brazos County upstream to confluence with Little River in Milam County.

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2003	11/30/2010	190	269.35	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	184	115.54	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	193	759.92	0		1,000.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	6	4.25	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1242_02 Portion of Brazos River from confluence with Thompson's Creek in Brazos County upstream to confluence with Little River in Milam County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	27	0.36	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	27	0.33	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	23	2.13	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	13	4.65	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1242_02 | Portion of Brazos River from confluence with Thompson's Creek in Brazos County upstream to confluence with Little River in Milam County.

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	12	0.54	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	6	4.25	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	7	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	27	3.40	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_02** Portion of Brazos River from confluence with Thompson's Creek in Brazos County upstream to confluence with Little River in Milam County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	5	103.85	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	27	0.36	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	27	0.26	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	27	0.33	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	155	0.59	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	13	4.65	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	23	0.12	0		50.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	4	0.50	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1242_03 Portion of Brazos River from confluence with Little River upstream to confluence with Pond Creek in Milam County.

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Chloride	12/1/2003	11/30/2010	190	269.35	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	184	115.54	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	193	759.92	0		1,000.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	6	4.25	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_03** Portion of Brazos River from confluence with Little River upstream to confluence with Pond Creek in Milam County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	23	2.13	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	27	0.33	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	13	4.65	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	27	0.36	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_03** Portion of Brazos River from confluence with Little River upstream to confluence with Pond Creek in Milam County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	12	0.54	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	6	4.25	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	7	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_03** Portion of Brazos River from confluence with Little River upstream to confluence with Pond Creek in Milam County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	27	3.40	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	5	103.85	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	27	0.36	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	27	0.26	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	155	0.59	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	23	0.12	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	13	4.65	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	27	0.33	0		1.15	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	4	0.50	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_04** Portion of Brazos River from confluence with Pond Creek in Milam County upstream to confluence with Deer Creek in Falls county.

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	12/1/2003	11/30/2010	53		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	53		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		80.19	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		38.90	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		199.18	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,768.45	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		224.08	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		6.91	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		307.46	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	7.10	0		24.19	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.92	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	6.70	0		204.62	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	55	64.21	0		126.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	56.00	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	55		0		35.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_04** Portion of Brazos River from confluence with Pond Creek in Milam County upstream to confluence with Deer Creek in Falls county.

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
High pH	pH	12/1/2003	11/30/2010	54		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	54		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	184	115.54	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	193	759.92	0		1,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	190	269.35	0		350.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		1	15.4	14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	56		4	2.57	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	56		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	6	4.25	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_04** Portion of Brazos River from confluence with Pond Creek in Milam County upstream to confluence with Deer Creek in Falls county.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	27	0.36	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	27	0.33	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	13	4.65	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_04** Portion of Brazos River from confluence with Pond Creek in Milam County upstream to confluence with Deer Creek in Falls county.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	23	2.13	0		62.00	AD	FS	☐	FS		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	27	0.33	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	27	0.26	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	27	0.36	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	5	103.85	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	27	3.40	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	7	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	6	4.25	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	12	0.54	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_04** Portion of Brazos River from confluence with Pond Creek in Milam County upstream to confluence with Deer Creek in Falls county.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	23	0.12	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	155	0.59	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	13	4.65	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_04** Portion of Brazos River from confluence with Pond Creek in Milam County upstream to confluence with Deer Creek in Falls county.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	4	0.50	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_05** Portion of Brazos River from confluence with Deer Creek in Falls County upstream to confluence with Tehuacana Creek in McLennan County

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	12/1/2003	11/30/2010	41		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	41		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	23		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	23		0		233.85	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	23		0		20.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	23		0		2,888.92	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	23		0		212.36	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	12		0		40.79	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	22		0		1,094.79	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	23		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	23		0		84.87	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	23	3.73	0		307.46	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	23	0.34	0		6.91	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	23	0.12	0		5.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	22	2.00	0		340.79	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	23	6.47	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	23	0.22	0		1.92	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	23	3.40	0		204.62	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	12	1.42	0		24.19	AD	FS	☐	FS		
Toxic Substances in sediment	Fluoranthene	12/1/2003	11/30/2010	1		0		2,230.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2003	11/30/2010	1		0		5,310.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_05** Portion of Brazos River from confluence with Deer Creek in Falls County upstream to confluence with Tehuacana Creek in McLennan County

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	Nitrobenzene	12/1/2003	11/30/2010	1		0		161.06	ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/2003	11/30/2010	1		0		43.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2003	11/30/2010	1		0		1,050.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1		0		350.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2003	11/30/2010	1		0		1,520.00	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2003	11/30/2010	1		0		1,170.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2003	11/30/2010	1		0		561.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2003	11/30/2010	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1		0		550.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2003	11/30/2010	1		0		536.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2003	11/30/2010	1		0		140.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2003	11/30/2010	1		0		1,290.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2003	11/30/2010	1		0		1,450.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2003	11/30/2010	1		0		845.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2003	11/30/2010	1		0		130.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2003	11/30/2010	1		0		89.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2003	11/30/2010	1		0		4,650.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		240.00	ID	NA	☐	NA		

USE **Recreation Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	39	66.46	0		126.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_05** Portion of Brazos River from confluence with Deer Creek in Falls County upstream to confluence with Tehuacana Creek in McLennan County

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	130.00	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	42		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	41		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	41		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	193	759.92	0		1,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	190	269.35	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	184	115.54	0		200.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	40		4	0.68	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	26		16	46.18	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	28		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	41		9	3.14	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	28		2	1.12	0.69	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	6	4.25	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_05** Portion of Brazos River from confluence with Deer Creek in Falls County upstream to confluence with Tehuacana Creek in McLennan County

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	27	0.33	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	23	2.13	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	13	4.65	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_05** Portion of Brazos River from confluence with Deer Creek in Falls County upstream to confluence with Tehuacana Creek in McLennan County

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	27	0.36	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	12	0.54	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	6	4.25	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_05** Portion of Brazos River from confluence with Deer Creek in Falls County upstream to confluence with Tehuacana Creek in McLennan County

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	27	0.36	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	7	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	5	103.85	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	27	0.26	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	27	0.33	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	155	0.59	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_05** Portion of Brazos River from confluence with Deer Creek in Falls County upstream to confluence with Tehuacana Creek in McLennan County

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	13	4.65	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	27	3.40	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	23	0.12	0		50.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	4	0.50	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_06** Portion of Brazos River from confluence with Tehuacana Creek in McLennan County upstream to Lake Brazos Dam in McLennan County

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	12/1/2003	11/30/2010	60		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	60		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		80.19	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		1,050.56	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		38.90	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		199.18	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,768.45	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2		0		224.08	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2	15.59	0		204.62	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.15	0		6.91	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		307.46	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		340.79	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	1.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.92	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	1.34	0		24.19	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	62	68.64	0		126.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	400.00	1		200.00	SM	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_06** Portion of Brazos River from confluence with Tehuacana Creek in McLennan County upstream to Lake Brazos Dam in McLennan County

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	12/1/2003	11/30/2010	62		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	61		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	61		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	190	269.35	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	184	115.54	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	193	759.92	0		1,000.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	56		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	56		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	6	4.25	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1242_06 | Portion of Brazos River from confluence with Tehuacana Creek in McLennan County upstream to Lake Brazos Dam in McLennan County

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	23	2.13	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	27	0.33	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	27	0.36	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	13	4.65	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1242_06 | Portion of Brazos River from confluence with Tehuacana Creek in McLennan County upstream to Lake Brazos Dam in McLennan County

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	12	0.54	0		1,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	7	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1242_06 | Portion of Brazos River from confluence with Tehuacana Creek in McLennan County upstream to Lake Brazos Dam in McLennan County

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	6	4.25	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	27	3.40	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	5	103.85	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	27	0.36	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	27	0.26	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	27	0.33	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	155	0.59	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	23	0.12	0		50.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	1	3.00	0		6.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242_06** Portion of Brazos River from confluence with Tehuacana Creek in McLennan County upstream to Lake Brazos Dam in McLennan County

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	13	4.65	0		100.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	4	0.50	0		240.00	LD	NC	☐	NC		

SEGID 1242A Marlin City Lake System (unclassified water body)

AUID 1242A_01 Old Marlin City Lake

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	12/1/2003	11/30/2010	9		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		0		3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Heptachlor	12/1/2003	11/30/2010	1		0		0.52	ID	NA	☐	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1		0		37.04	ID	NA	☐	NA		
Acute Toxic Substances in water	Dieldrin	12/1/2003	11/30/2010	1		0		2.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Aldrin	12/1/2003	11/30/2010	1		0		3.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Endrin	12/1/2003	11/30/2010	1		0		0.18	ID	NA	☐	NA		
Chronic Toxic Substances in water	Dieldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Endrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Methoxychlor	12/1/2003	11/30/2010	1	0.02	0		0.03	ID	NA	☐	NA		
Chronic Toxic Substances in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.04	0		0.08	ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.53	0		8.56	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	9	5.98	0		126.00	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	9		9	62.13	26.70	LD	CS	☐	CS	chlorophyll-a	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1242A_01 Old Marlin City Lake

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	12/1/2003	11/30/2010	9		2	0.24	0.20	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	9		2	0.19	0.11	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	9		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	9		6	0.09	0.05	LD	CS	☐	CS	orthophosphorus	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	2	0.06	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	2	0.50	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2003	11/30/2010	2	0.06	0		0.33	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	2	0.06	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2003	11/30/2010	2	0.03	0		0.07	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Methoxychlor	12/1/2003	11/30/2010	2	0.06	0		0.33	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	2	0.06	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzo(a)pyrene	12/1/2003	11/30/2010	2	0.03	0		0.07	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	2	0.50	0		1.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242A_01** Old Marlin City Lake

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	2	1.06	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/1/2003	11/30/2010	2	0.06	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	35	0.10	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	35	0.17	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Aldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Endrin	12/1/2003	11/30/2010	2	0.06	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	18	0.08	0		2.00	AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	17	0.30	0		3.00	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1242A_02 New Marlin City Lake

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	12/1/2003	11/30/2010	26		1	3.67	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	26		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1		0		50.07	ID	NA	☐	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Heptachlor	12/1/2003	11/30/2010	1		0		0.52	ID	NA	☐	NA		
Acute Toxic Substances in water	Endrin	12/1/2003	11/30/2010	1		0		0.18	ID	NA	☐	NA		
Acute Toxic Substances in water	Aldrin	12/1/2003	11/30/2010	1		0		3.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Dieldrin	12/1/2003	11/30/2010	1		0		2.50	ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.54	0		8.56	ID	NA	☐	NA		
Chronic Toxic Substances in water	Dieldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Endrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Methoxychlor	12/1/2003	11/30/2010	1	0.02	0		0.03	ID	NA	☐	NA		
Chronic Toxic Substances in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.04	0		0.08	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	23	3.53	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	24		3	0.09	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	25		1	0.32	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	25		6	0.35	0.20	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242A_02** New Marlin City Lake

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	12/1/2003	11/30/2010	26		24	72.05	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	26		2	1.06	0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	2	0.50	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	2	0.06	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2003	11/30/2010	2	0.06	0		0.33	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	2	0.06	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2003	11/30/2010	2	0.03	0		0.07	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Methoxychlor	12/1/2003	11/30/2010	2	0.06	0		0.33	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	2	0.06	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	2	0.50	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/1/2003	11/30/2010	2	0.06	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Endrin	12/1/2003	11/30/2010	2	0.06	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	35	0.10	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242A_02** New Marlin City Lake

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	2	1.06	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	35	0.17	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzo(a)pyrene	12/1/2003	11/30/2010	2	0.03	0		0.07	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Aldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	18	0.08	0		2.00	AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	17	0.30	0		3.00	AD	NC	☐	NC		

SEGID 1242B Cottonwood Branch (unclassified water body)

AUID 1242B_01 Portion of Cottonwood Branch from confluence with Still Creek upstream to unnamed tributary (NHD RC 12070101000835) in Brazos County.

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	12/1/2003	11/30/2010	12		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	12		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.80	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	11.10	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	12.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	4.20	0		18.36	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	2	15.30			14.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	26.20			22.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242B_01** Portion of Cottonwood Branch from confluence with Still Creek upstream to unnamed tributary (NHD RC 12070101000835) in Brazos County.

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
Fish Community	Fish Community	12/1/2003	11/30/2010	2	36.50			36.00	AD	FS	☐	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	26		23	2268.44	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	13	1100.13	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	900.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	13		13	7.22	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	10		10	6.07	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	13		0		14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	12		12	71.22	1.95	AD	CS	☐	CS	nitrate	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.90	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	8.50	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		649.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242B_02** Portion of Cottonwood Branch from confluence with unnamed tributary (NHD RC 12070101000835) upstream to headwaters in Brazos County.

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	12/1/2003	11/30/2010	8		0		2.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	8		0		1.50	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	4.00	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	11.50	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	1.00	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	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	15		8	1785.5	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	8	183.69	1		126.00	LD	CN	☑	NS	bacteria	5b

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242B_02** Portion of Cottonwood Branch from confluence with unnamed tributary (NHD RC 12070101000835) upstream to headwaters in Brazos County.

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	940.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	6		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	8		0		14.10	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	7		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	8		0		0.37	LD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	8.50	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.90	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		

SEGID 1242C Still Creek (unclassified water body)

AUID 1242C_01 Portion of Still Creek from confluence with Thompsons Creek in Brazos County upstream to confluence with unnamed tributary (NHD RC 12070101006127).

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	12/1/2003	11/30/2010	14		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.55	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	2	14.00	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	4.25	0		18.36	ID	NA	☐	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	31		13	3708.55	394.00	SM	NS	☐	NA	bacteria	5b

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242C_01** Portion of Still Creek from confluence with Thompsons Creek in Brazos County upstream to confluence with unnamed tributary (NHD RC 12070101006127).

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	13	538.45	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	230.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	14		13	10.6	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	14		13	2.44	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	11		8	2.95	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	14		2	20.75	14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.73	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		

AUID 1242C_02 Portion of Still Creek from confluence with unnamed tributary (NHD RC 12070101006127) upstream to headwaters in Brazos County.

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	12/1/2003	11/30/2010	9		0		2.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		0		1.50	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	10.00	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	1.10	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	3.60	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	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	17		8	2603.63	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	8	66.69	0		126.00	LD	NC	☑	NS	bacteria	5b

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242C_02** Portion of Still Creek from confluence with unnamed tributary (NHD RC 12070101006127) upstream to headwaters in Brazos County.

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	4000.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	8		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	9		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	4		1	49.31	14.10	LD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	3	0.73	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	3	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		

SEGID 1242D Thompsons Creek (unclassified water body)

AUID 1242D_01 Portions of Thompsons Creek from confluence with Brazos River upstream to confluence with Still Creek in Brazos County.

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	12/1/2003	11/30/2010	24		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	4.10	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.55	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	21.20	0		155.63	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	2	17.00			14.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	32.10			22.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242D_01** Portions of Thompsons Creek from confluence with Brazos River upstream to confluence with Still Creek in Brazos County.

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
Fish Community	Fish Community	12/1/2003	11/30/2010	2	47.60			36.00	AD	FS	☐	CN	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	37		27	3379.89	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	26	958.44	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	400.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	25		25	34.21	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		24	4.16	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	13		1	0.47	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	19		18	4	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	26		3	19.66	14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		649.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	2	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	4	0.58	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		502.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242D_01** Portions of Thompsons Creek from confluence with Brazos River upstream to confluence with Still Creek in Brazos County.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242D_02** Portion of Thompsons Creek from confluence with Still Creek upstream to headwaters in Brazos County.

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	12/1/2003	11/30/2010	10		6	1.49	4.00	SM	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	10		6	1.49	3.00	SM	NS	☐	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	5		3	2.13	4.00	LD	NS	☑	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	5		2	0.8	3.00	LD	CN	☑	NS	depressed dissolved oxygen	5c
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2		0		806.38	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	3.10	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.60	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	3.70	0		155.63	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	4	18.60			14.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	4	20.70			22.00	AD	NS	☐	CN	impaired macrobenthic community	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242D_02** Portion of Thompsons Creek from confluence with Still Creek upstream to headwaters in Brazos County.

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
Fish Community	Fish Community	12/1/2003	11/30/2010	4	46.80			36.00	AD	FS	☐	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	23		13	1928.29	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	8	195.76	1		126.00	LD	CN	☑	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	320.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	11		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	12		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	4		0		0.33	LD	NC	☑	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	4		1	0.75	0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	4		1	32	14.10	LD	NC	☑	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	2	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	4	0.58	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		5,201.00	LD	NC	☐	NC		

AUID 1242D_02 Portion of Thompsons Creek from confluence with Still Creek upstream to headwaters in Brazos County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		649.00	LD	NC	☐	NC		

SEGID 1242E Little Brazos River (unclassified water body)

AUID 1242E_01 Portion of Little Brazos River from confluence with Brazos River in Brazos County upstream to confluence with Walnut Creek in Robertson County.

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	12/1/2003	11/30/2010	14		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		0		3.00	AD	FS	☐	FS		
Habitat	Habitat	12/1/2003	11/30/2010	1	20.50			20.00	LD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	34.50			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	49.70			42.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	13	43.86	0		126.00	AD	FS	☐	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	Ammonia	12/1/2003	11/30/2010	13		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	3		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	13		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	12		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		1	17.7	14.10	ID	NA	☐	NA		

SEGID 1242F Pond Creek (unclassified water body)

AUID 1242F_01 From the Brazos confluence upstream to Live Oak 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	12/1/2003	11/30/2010	14		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	2.40	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	10.00	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	15	158.48	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	280.00	1		200.00	SM	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242F_01** From the Brazos confluence upstream to Live Oak Creek confluence

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	12/1/2003	11/30/2010	13		3	3.46	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	13		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		

SEGID 1242H Tradinghouse Reservoir (unclassified water body)

AUID 1242H_01 entire reservoir

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	12/1/2003	11/30/2010	25		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	14		0		16.84	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	22		0		1,305.51	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	22		0		20.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	22		0		64.27	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	22		0		29.43	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	22		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	22		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	22		0		105.55	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	22		0		507.44	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	14	2.00	0		18.36	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	22	0.35	0		5.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	22	0.19	0		4.58	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	22	1.93	0		155.63	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	22	1.93	0		261.58	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	22	0.12	0		1.49	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	22	3.02	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	22	2.44	0		233.95	AD	FS	☐	FS		

AUID 1242H_01 entire reservoir

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	Mercury	12/1/2003	11/30/2010	8		0		1.06	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2003	11/30/2010	9		0		459.00	LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/1/2003	11/30/2010	9		0		40,000.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2003	11/30/2010	9		1	2.32	2.20	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2003	11/30/2010	9		0		48.60	LD	NC	☐	NC		
Toxic Substances in sediment	Manganese	12/1/2003	11/30/2010	9		0		1,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2003	11/30/2010	9		0		128.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2003	11/30/2010	9		0		149.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2003	11/30/2010	9		0		111.00	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2003	11/30/2010	9		0		33.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2003	11/30/2010	9		0		4.98	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	21	3.19	0		126.00	AD	FS	☐	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	Chlorophyll-a	12/1/2003	11/30/2010	25		4	35.65	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	25		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	23		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	25		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	25		0		0.11	AD	NC	☐	NC		
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	2					OE	CN	☑	CN	harmful algal bloom/golden alga	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242H_01** entire reservoir

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	22	1.93	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	22	0.19	0		3.83	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	7		0		4.38	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	7		0		0.04	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	7		0		0.23	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	7		0		5.25	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	7		0		250.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	7		0		0.60	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	7		0		0.53	LD	NC	☐	NC		

SEGID 1242I Campbells Creek (unclassified water body)

AUID 1242I_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	34		5	0.9	2.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	34		4	0.7	1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	34	1890.65	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	1		0		1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	1		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	1		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		

SEGID 1242J Deer Creek (unclassified water body)

AUID 1242J_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	23		1	2.1	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	23		1	2.1	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	1.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	1.83	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	5.30	0		155.63	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	2	20.30			14.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	26.50			22.00	AD	FS	☐	CN	impaired macrobenthic community	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1242J_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Community	Fish Community	12/1/2003	11/30/2010	2	46.30			35.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	60.00	0		200.00	SM	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	24	219.76	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	12		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	12		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	1		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242J_01** Entire water body

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		

SEGID 1242K Mud Creek (unclassified water body)

AUID 1242K_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	50		3	2	3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	50		1	1.3	2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.00	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	14.10	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	42.20	0		155.63	ID	NA	☐	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	33		11	1186.8	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	130.00	0		200.00	SM	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	50	687.15	1		126.00	AD	NS	☐	NS	bacteria	5b

AUID 1242K_01 Entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	13		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	13		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		

SEGID 1242L Pin Oak Creek (unclassified water body)

AUID 1242L_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	44		4	1.6	3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	44		3	1.17	2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		806.38	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.33	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	15.90	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	7.85	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		261.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	1.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	0.89	0		18.36	ID	NA	☐	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	30		15	1006.83	394.00	SM	NS	☐	NA	bacteria	5b

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242L_01** Entire water body

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	45	720.14	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	265.00	1		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	13		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	13		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	2	0.33	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		502.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		

SEGID 1242M Spring Creek (unclassified water body)

AUID 1242M_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	41		5	1.98	3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	41		2	1.5	2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.30	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.40	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	14.80	0		155.63	ID	NA	☐	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	32		14	1001.93	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	42	797.30	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	260.00	1		200.00	SM	NA	☐	NA		

AUID **1242M_01** Entire water body

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	12		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	12		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	1		0		0.69	ID	NA	☐	NA		

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.40	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		

SEGID 1242N Tehuacana Creek (unclassified water body)

AUID 1242N_01 Downstream portion of water body, from confluence with Brazos River upstream to confl. with Little Tehuacana Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	44		6	2.7	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	44		3	1.8	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	2.00	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	8.30	0		155.63	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	1	19.50			20.00	LD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	24.70			29.00	AD	NS	☐	CN	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2003	11/30/2010	2	51.30			41.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242N_01** Downstream portion of water body, from confluence with Brazos River upstream to confl. with Little Tehuacana Creek

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	43	111.66	0		126.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	64.00	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	28		5	42.99	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	32		10	4.86	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	25		2	7.65	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	25		9	5.33	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	27		16	70.24	14.10	AD	CS	☐	CS	chlorophyll-a	
Fish Kill Reports	Fish Kill Reports	12/1/2003	11/30/2010	2					OE	CN	☑	CN	fish kill report	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242N_02** Upstream portion, from confluence with Little Tehuacana Creek upstream to headwaters

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		

SEGID 1242O Walnut Creek (unclassified water body)

AUID 1242O_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	51		1	3.6	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	51		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	4		0		5.00	SM	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	4		0		3.00	SM	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.10	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	9.10	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	4	20.90			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	4	34.30			29.00	AD	FS	☐	CN	impaired macrobenthic community	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1242O_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Fish Community	Fish Community	12/1/2003	11/30/2010	4	43.60			42.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	42	437.99	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	175.00	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	17		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	17		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	4		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	4		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	2		0		14.10	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		

SEGID 1242P Big Creek (unclassified water body)

AUID 1242P_01 Downstream portion of water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	11		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	11		0		1.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		170.43	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	2.40	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	8.00	0		155.63	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	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	22		11	2115.33	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	11	189.39	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	1400.00	1		200.00	SM	NA	☐	NA		

AUID 1242P_01 Downstream portion of water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	10		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	10		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1242P_02** Upstream portion, including confluence with City of Mart WWTP rec. water

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		

SEGID 1242Q Bull Hide Creek (unclassified water body)

AUID 1242Q_01 Portion of Bull Hide Creek from the confluence with the Brazos River in Falls county upstream to the confluence with unnamed tributary (NHD RC 12070101002570) in McLennan County.

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	12/1/2003	11/30/2010	6		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	6		0		3.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	6	81.59	0		126.00	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	6		0		14.10	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	6		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	6		2	2.16	1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	5		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	4		0		0.69	LD	NC	☐	NC		

SEGID 1242R Cow Bayou (unclassified water body)

AUID 1242R_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Habitat	Habitat	12/1/2003	11/30/2010	1	20.50			20.00	LD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	28.90			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	49.70			41.00	AD	FS	☐	FS		

SEGID 1243 Salado Creek

AUID 1243_01 Portion of Salado Creek from confluence with Lampasas River upstream to unnamed tributary (NHD RC 12070203003968) just downstream of Stagecoach outfall.

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	12/1/2003	11/30/2010	45		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	45		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	17		0		5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	17		1	1.28	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	40	44.81	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	46		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	46		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	46		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	125	355.83	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	88	12.78	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	85	16.11	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	39		21	2.98	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	40		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	14		0		0.33	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1243_01** Portion of Salado Creek from confluence with Lampasas River upstream to unnamed tributary (NHD RC 12070203003968) just downstream of Stagecoach outfall.

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	12/1/2003	11/30/2010	34		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	22		2	17.3	14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		100.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	2	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	4	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1243_01** Portion of Salado Creek from confluence with Lampasas River upstream to unnamed tributary (NHD RC 12070203003968) just downstream of Stagecoach outfall.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	84	1.86	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	2	0.50	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		100.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	4	0.50	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1243_02** Portion of Salado Creek from confluence with unnamed tributary (NHD RC 12070203003968) upstream to confluence with North/South Forks Salado Creek in Williamson County.

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	12/1/2003	11/30/2010	50		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	50		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	10		0		5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	10		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	2	24.50			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	40.50			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	54.00			41.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	58	101.59	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	51		1	34.1	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	51		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	51		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	85	16.11	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	88	12.78	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	125	355.83	0		400.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	45		20	2.7	1.95	AD	CS	☐	CS	nitrate	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1243_02** Portion of Salado Creek from confluence with unnamed tributary (NHD RC 12070203003968) upstream to confluence with North/South Forks Salado Creek in Williamson County.

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	12/1/2003	11/30/2010	47		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	8		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	40		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	36		0		14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		100.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	4	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	2	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	2	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.50	0		1,000.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1243_02** Portion of Salado Creek from confluence with unnamed tributary (NHD RC 12070203003968) upstream to confluence with North/South Forks Salado Creek in Williamson County.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	2	0.50	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	84	1.86	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	6	5.00	0		100.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	4	0.50	0		240.00	LD	NC	☐	NC		

SEGID 1244 Brushy Creek

AUID 1244_01 From confluence with San Gabriel upstream to confluence with Mustang Creek.

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		0		3.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	9	236.10	1		126.00	LD	CN	☐	CN	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
Water Temperature	Temperature	12/1/2003	11/30/2010	9		0		32.80	LD	NC	☐	NC		
High pH	pH	12/1/2003	11/30/2010	9		0		9.00	LD	NC	☐	NC		
Low pH	pH	12/1/2003	11/30/2010	9		0		6.50	LD	NC	☐	NC		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	77	37.38	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	82	387.65	0		800.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	77	55.00	0		200.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	9		5	1.28	0.69	LD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	9		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	9		9	6.06	1.95	LD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	9		1	18	14.10	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	9		6	0.94	0.37	LD	CS	☐	CS	orthophosphorus	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1244_01** From confluence with San Gabriel upstream to confluence with Mustang Creek.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	72	3.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1244_01** From confluence with San Gabriel upstream to confluence with Mustang Creek.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	3	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1244_02 From confluence with Mustang Creek, upstream to conf. with Cottonwood Branch.

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	82	387.65	0		800.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	77	55.00	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	77	37.38	0		150.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1244_02** From confluence with Mustang Creek, upstream to conf. with Cottonwood Branch.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	72	3.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	3	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1244_03** From confluence with Cottonwood Branch upstream to City of Round Rock WWTP outfall

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	12/1/2003	11/30/2010	27		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	27	245.27	1		126.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	2	96.33	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	28		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	27		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	27		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	82	387.65	0		800.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	77	55.00	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	77	37.38	0		150.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	25		20	6.39	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	25		2	28.6	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	24		9	1.5	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	25		15	1.15	0.37	AD	CS	☐	CS	orthophosphorus	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1244_03** From confluence with Cottonwood Branch upstream to City of Round Rock WWTP outfall

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	72	3.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1244_03** From confluence with Cottonwood Branch upstream to City of Round Rock WWTP outfall

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 Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	3	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1244_04** From immediately upstream of City of Round Rock WWTP outfall upstream to end of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	40		2	4.65	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	40		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	3	107.49	0		200.00	SM	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	40	179.60	1		126.00	AD	NS	☐	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
Water Temperature	Temperature	12/1/2003	11/30/2010	42		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	41		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	41		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	82	387.65	0		800.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	77	55.00	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	77	37.38	0		150.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	38		1	2.33	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	37		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1244_04** From immediately upstream of City of Round Rock WWTP outfall upstream to end of segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	3	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		7.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	5	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	72	3.04	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	3	0.50	0		240.00	ID	NA	☐	NA		

SEGID 1244A Brushy Creek Above South Brushy Creek (unclassified water body)

AUID 1244A_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	28		1	4.9	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	28		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	1		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	1		0		3.00	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	2	23.30			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	31.80			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	41.50			42.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	27	106.60	0		126.00	AD	FS	☐	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	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	25		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	26		3	2.87	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	26		1	0.42	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	27		0		14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		649.00	ID	NA	☐	NA		

AUID 1244A_01 Entire segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		

SEGID 1244B Lake Creek (unclassified water body)

AUID 1244B_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	1		0		3.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	1		0		2.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	1	170.00	1		126.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	1		0		1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	1		0		0.37	ID	NA	☐	NA		

SEGID 1244D South Brushy Creek (unclassified water body)

AUID 1244D_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	26	80.07	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	24		4	3.07	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		

SEGID 1245 Upper Oyster Creek

AUID 1245_01 From the confluence with the Brazos River upstream to Dam #3

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	12/1/2003	11/30/2010	31		7	2.74	4.00	SM	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	31		0		1.00	SM	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	40		5	2.96	4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	40		4	0.55	1.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	20	190.93	1		126.00	AD	NS	☐	NS	bacteria	4a

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	12/1/2003	11/30/2010	31		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	31		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	31		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	84	52.30	0		75.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	247	558.50	0		1,070.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	112	93.64	0		140.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	27		11	31.55	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	26		6	0.83	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	20		1	0.58	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	45		30	4.94	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	44		18	0.64	0.37	AD	CS	☐	CS	orthophosphorus	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1245_01** From the confluence with the Brazos River upstream to Dam #3

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	28	0.21	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	195	1.20	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1245_02** From Dam #3 upstream to Harmon St. crossing in Sugar Land

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	12/1/2003	11/30/2010	77		16	3.08	4.00	SM	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	77		6	2.36	3.00	SM	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	59		14	2.79	4.00	AD	NS	☐	NS	depressed dissolved oxygen	4a
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	59		15	2.01	3.00	AD	NS	☐	NS	depressed dissolved oxygen	4a

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	39	225.90	1		126.00	AD	NS	☐	NS	bacteria	4a

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	12/1/2003	11/30/2010	78		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	78		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	78		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	84	52.30	0		75.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	112	93.64	0		140.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	247	558.50	0		1,070.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	83		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	78		1	0.49	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	59		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	66		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	65		18	30.17	14.10	AD	CS	☐	CS	chlorophyll-a	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1245_02** From Dam #3 upstream to Harmon St. crossing in Sugar Land

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	28	0.21	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	195	1.20	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1245_03** From Harmon St. crossing in Sugar Land upstream to the end of the segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	41		3	2.59	4.00	SM	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	41		2	2.35	3.00	SM	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	58		9	3.4	4.00	AD	NS	☐	NS	depressed dissolved oxygen	4a
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	58		8	2.41	3.00	AD	CN	☐	CN	depressed dissolved oxygen	

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	22	96.72	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	41		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	41		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	41		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	247	558.50	0		1,070.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	112	93.64	0		140.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	84	52.30	0		75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	67		3	2.74	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	65		1	0.44	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	33		1	0.35	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	42		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	45		14	26.78	14.10	AD	CS	☐	CS	chlorophyll-a	

AUID 1245_03 From Harmon St. crossing in Sugar Land upstream to the end of the segment

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	28	0.21	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	195	1.20	0		10.00	AD	FS	☐	FS		

SEGID 1245A Red Gully (unclassified water body)

AUID 1245A_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	1		0		4.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	1		1	1.3	3.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	8	180.36			126.00	LD	CN	☑	CN	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	Nitrate	12/1/2003	11/30/2010	1		0		1.95	ID	NA	☑	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	1		0		0.37	ID	NA	☑	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	1		0		0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		0		14.10	ID	NA	☐	NA		

SEGID 1245B Brown's Bayou (unclassified water body)

AUID 1245B_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	6		0		3.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	6		0		2.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.50	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	2.10	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	4	90.09	0		126.00	LD	NC	☐	NC		
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	200.00	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	8		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	8		0		0.37	LD	NC	☐	NC		

AUID **1245B_01** entire water body

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.50	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		

SEGID 1245C Bullhead Bayou (unclassified water body)

AUID 1245C_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		0		3.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		0		2.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	2.10	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	7.20	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.50	0		4.58	ID	NA	☐	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	10		7	1487.71	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	6	720.64	1		126.00	LD	CN	☑	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	2	76.68	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	11		0		1.95	AD	NC	☐	NC		

AUID 1245C_01 Entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	11		3	0.46	0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	1	0.50	0		1.50	ID	ND	☐	ND		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.50	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		

SEGID 1245D Unnamed Tributary of Bullhead Bayou (unclassified water body)

AUID 1245D_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		1	2.34	3.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		0		2.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	5.80	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.50	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	5.00	0		18.36	ID	NA	☐	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	10		6	2097.17	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	6	146.05	1		126.00	LD	CN	☑	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	120.00	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	11		0		1.95	AD	NC	☐	NC		

AUID 1245D_01 Entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	11		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	2	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.50	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		

SEGID 1245E Flewellen Creek (unclassified water body)

AUID 1245E_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	2		0		2.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	2		1	1.1	1.50	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010					126.00	ID	NA	☑	CN	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	Chlorophyll-a	12/1/2003	11/30/2010	2		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	2		0		1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	2		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	2		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	2		0		0.69	ID	NA	☐	NA		

SEGID 1245F Alcorn Bayou (unclassified water body)

AUID 1245F_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		1	2.23	3.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	9		0		2.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		55.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		28.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		132.03	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,106.53	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.49	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	3.90	0		18.36	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.50	0		4.58	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		233.95	ID	NA	☐	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	10		6	1318	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	6	114.32	0		126.00	LD	NC	☑	NS	bacteria	5b
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	155.00	0		200.00	SM	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	11		8	8.93	1.95	AD	CS	☐	CS	nitrate	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1245F_01** Entire water body

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	11		11	1.71	0.37	AD	CS	☐	CS	orthophosphorus	

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.50	0		3.83	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	1	5.00	0		1,071.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	2	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	2	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		5,201.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	3	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2003	11/30/2010	1	0.25	0		23,916.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		49.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		

SEGID 1245G Brooks Lake (unclassified water body)

AUID 1245G_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	2		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	2		0		3.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	2		1	0.41	0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	2		1	0.14	0.05	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	2		1	0.13	0.11	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	2		1	0.26	0.20	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	2		1	28.8	26.70	ID	NA	☐	NA		

SEGID 1245H Alkire Lake (unclassified water body)

AUID 1245H_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	2		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	2		0		3.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	2		0		0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	2		1	0.12	0.05	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	2		0		0.11	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	2		1	0.26	0.20	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	2		0		26.70	ID	NA	☐	NA		

SEGID 1245I Steep Bank Creek (unclassified water body)

AUID 1245I_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	13		3	2.07	3.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	13		2	1.9	2.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	2		0		3.00	SM	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	2		0		2.00	SM	NA	☐	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	12		7	1315.71	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	13	367.83	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	11		10	14.92	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	11		11	3.2	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	2		0		0.33	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	2		2	3.93	0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	2		0		14.10	ID	NA	☐	NA		

SEGID 1245J Stafford Run (unclassified water body)

AUID 1245J_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	1		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	1		1	2.5	3.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010					126.00	ID	NA	☑	CN	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	Orthophosphorus	12/1/2003	11/30/2010	1		1	1.55	0.37	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	1		1	36.6	14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	1		1	11.7	1.95	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	1		1	1.82	0.69	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	1		1	0.46	0.33	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1246 Middle Bosque/South Bosque River

AUID 1246_01 Entire Middle Bosque River

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	76		1	3.5	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	76		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	13		0		51.79	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	13		0		1,994.59	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	13		0		121.62	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	13		0		764.86	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	13		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	13		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	13		0		161.36	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	13		0		27.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	11	2.02	0		155.63	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	11	1.50	0		233.95	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	11	0.05	0		4.58	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	11	0.24	0		261.58	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	11	1.85	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	11	0.02	0		1.49	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	11	0.86	0		18.36	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	59	91.04	0		126.00	AD	FS	☐	FS		

AUID 1246_01 Entire Middle Bosque River

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	12/1/2003	11/30/2010	77		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	77		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	77		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	165	291.43	0		700.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	63	15.68	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	64	39.88	0		260.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	78		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	61		1	14.9	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	71		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	78		20	2.89	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	67		0		0.69	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	11	0.24	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	11	0.05	0		3.83	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	11	0.10	0		1,071.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1246_02 Entire South Bosque River

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	85		2	4.6	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	85		0		3.00	AD	FS	☐	FS		
Habitat	Habitat	12/1/2003	11/30/2010	1	21.50			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	32.60			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	50.30			41.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	84	98.94	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	87		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	85		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	85		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	165	291.43	0		700.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	63	15.68	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	64	39.88	0		260.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	86		54	4.4	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	85		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	75		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	82		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	83		1	31	14.10	AD	NC	☐	NC		

AUID 1246_02 Entire South Bosque River

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	11	0.10	0		1,071.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	11	0.24	0		502.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	11	0.05	0		3.83	AD	FS	☐	FS		

SEGID 1246D Tonk Creek (unclassified water body)

AUID 1246D_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	65		1	3.4	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	65		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	65	81.28	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	65		62	6.9	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	65		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	65		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	65		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	65		1	14.5	14.10	AD	NC	☐	NC		

SEGID 1246E Wasp Creek (unclassified water body)

AUID 1246E_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	85		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	85		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	85	164.53	1		126.00	AD	NS	☐	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	Total Phosphorus	12/1/2003	11/30/2010	83		1	1.15	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	83		2	27.9	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	86		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	84		74	7.69	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	84		0		0.33	AD	NC	☐	NC		

SEGID 1247 Granger Lake

AUID 1247_01 Eastern end of lake near the 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	12/1/2003	11/30/2010	68		1	4.8	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	68		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		21.88	ID	NA	☐	NA		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1		0		136.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		133.57	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		91.54	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		40.27	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		1,651.46	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	2	3.80	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	2.50	0		121.97	ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		64.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		183.41	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.18	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.19	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.50	0		14.35	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1247_01** Eastern end of lake near the dam

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	56	3.13	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	69		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	69		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	69		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	190	26.09	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	197	248.41	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	190	24.41	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	57		3	40.1	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	55		1	0.22	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	61		37	0.82	0.37	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	62		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	6		2	0.22	0.11	LD	NC	☐	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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2003	11/30/2010						OE	FS	☐	FS		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	3.88	0		70.00	LD	NC	☐	NC		

AUID 1247_01 Eastern end of lake near the 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
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		

AUID 1247_01 Eastern end of lake near the 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
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		

AUID 1247_01 Eastern end of lake near the dam

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	3.88	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	7	0.57	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	1	2.50	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	1	42.70	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1247_01** Eastern end of lake near the dam

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	184	0.60	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	4	0.40	0		5,569.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	6	0.50	0		240.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	3	0.50	0		3.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1247_02** Willis Creek arm of lake

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	12/1/2003	11/30/2010	68		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	68		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	56	4.88	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	69		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	69		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	69		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	197	248.41	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	190	24.41	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	190	26.09	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	6		2	0.19	0.11	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	56		1	0.26	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	62		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	61		36	0.98	0.37	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	57		8	35.13	26.70	AD	NC	☐	NC		

AUID 1247_02 Willis Creek arm of lake

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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2003	11/30/2010						OE	FS	☐	FS		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	3.88	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		

AUID 1247_02 Willis Creek arm of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		

AUID 1247_02 Willis Creek arm of lake

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	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	7	0.57	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	3.88	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		

AUID 1247_02 Willis Creek arm of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	4	0.40	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	1	42.70	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	1	2.50	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	184	0.60	0		10.00	AD	FS	☐	FS		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	3	0.50	0		3.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1247_02** Willis Creek arm of lake

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 Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	6	0.50	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1247_03 Western end of lake on the San Gabriel River

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	57		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	57		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	56	4.82	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	58		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	58		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	58		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	197	248.41	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	190	26.09	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	190	24.41	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	53		34	0.88	0.37	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	54		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	50		2	0.29	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	57		1	31	26.70	AD	NC	☐	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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2003	11/30/2010						OE	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1247_03** Western end of lake on the San Gabriel River

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	3.88	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1247_03** Western end of lake on the San Gabriel River

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1247_03** Western end of lake on the San Gabriel River

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	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	3.88	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	7	0.57	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	6	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1247_03** Western end of lake on the San Gabriel River

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	6	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	184	0.60	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	1	2.50	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	4	0.40	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	1	42.70	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	4	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	10	4.55	0		100.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	6	0.50	0		240.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	3	0.50	0		3.00	ID	NA	☐	NA		

SEGID 1247A Willis Creek (unclassified water body)

AUID 1247A_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	34		1	0.8	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	34		1	0.8	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	4		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	4		0		3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		
Habitat	Habitat	12/1/2003	11/30/2010	6	22.10			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	6	34.40			29.00	AD	CS	☐	CS	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2003	11/30/2010	6	46.20			41.00	AD	FS	☐	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	25		13	965.92	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	24	507.03	1		126.00	AD	NS	☐	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	12/1/2003	11/30/2010	26		1	1.43	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	4		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	26		1	1.71	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	27		3	17.7	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	27		24	7.18	1.95	AD	CS	☐	CS	nitrate	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1247A_01** Entire water body

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		29.00	ID	NA	☐	NA		

SEGID 1248 San Gabriel/North Fork San Gabriel River

AUID 1248_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	41		1	4.6	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	41		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		42.54	ID	NA	☐	NA		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1		0		136.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		242.85	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		224.75	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		89.25	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		2,999.88	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.50	0		19.33	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	2.50	0		163.84	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	0.10	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		64.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.56	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		246.26	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		4.95	ID	NA	☐	NA		

AUID 1248_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Habitat	Habitat	12/1/2003	11/30/2010	4	20.30			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	4	37.40			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	4	48.40			41.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	37	77.29	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	41		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	40		1	9.1	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	40		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	43	329.75	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	43	47.23	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	43	28.57	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	39		4	50.45	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	42		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	42		12	3.9	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	36		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	34		0		0.69	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		

AUID 1248_01 Entire segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	0.50	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

AUID 1248_01 Entire segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	1	0.50	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	1	1.00	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	0.50	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		

AUID 1248_01 Entire segment

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	1	46.00	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	1	2.50	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	20	0.19	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	38	1.81	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		

AUID 1248_01 Entire segment

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	1	0.50	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		

SEGID 1248A Berry Creek (unclassified water body)

AUID 1248A_01 Entire creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	7		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	7		0		3.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	7	58.59	0		126.00	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	7		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	7		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	7		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	7		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	7		1	15.8	14.10	LD	NC	☐	NC		

SEGID 1248B Huddleston Branch (unclassified water body)

AUID 1248B_01 Entire reach

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010		193.67				ID	NA	☑	CN	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	Nitrate	12/1/2003	11/30/2010	19				1.95	ID	NA	☑	NA	nitrate	

SEGID 1248C Mankins Branch (unclassified water body)

AUID 1248C_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		3.00	AD	FS	☐	FS		
Habitat	Habitat	12/1/2003	11/30/2010	2	18.50			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	37.40			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2003	11/30/2010	2	47.10			41.00	AD	FS	☐	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	25		13	1288.05	394.00	SM	NS	☐	NA	bacteria	5b
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	25	444.86	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	24		23	8.99	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	24		20	1.7	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	26		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	24		15	2.3	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	26		2	17.15	14.10	AD	NC	☐	NC		

SEGID 1248D Middle Fork San Gabriel River (unclassified water body)

AUID 1248D_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		2.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	20	49.37	0		126.00	AD	FS	☐	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	12/1/2003	11/30/2010	22		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	23		0		14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	23		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	25		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	23		0		0.33	AD	NC	☐	NC		

SEGID 1249 Lake Georgetown

AUID 1249_01 East end of reservoir near 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	12/1/2003	11/30/2010	68		3	4.43	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	68		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	1		0		25.64	ID	NA	☐	NA		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1		0		136.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		154.04	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	1		0		113.42	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1		0		48.69	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1		0		1,904.22	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	2.50	0		121.97	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	1	5.00	0		183.41	ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		64.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	0.10	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	1	1.50	0		14.35	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	1	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		1.19	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	1	0.15	0		3.18	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1249_01** East end of reservoir near dam

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	1.00	0		200.00	SM	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	56	1.75	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	69		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	69		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	69		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	138	244.55	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	133	18.86	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	133	16.79	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	6		2	0.18	0.11	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	56		2	0.21	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	62		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	61		5	0.44	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	57		0		26.70	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		

AUID 1249_01 East end of reservoir near 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
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	3.50	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	7	4.36	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		

AUID 1249_01 East end of reservoir near 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
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	3	3.50	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	5	0.60	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	4	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1249_01** East end of reservoir near dam

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	121	0.10	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	1	2.50	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	1	30.20	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	7	4.36	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1249_01** East end of reservoir near dam

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	4	0.50	0		240.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1249_02 West end of reservoir near headwaters

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	12/1/2003	11/30/2010	68		1	4.47	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	68		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Fecal coliform	12/1/2003	11/30/2010	1	1.00	0		200.00	SM	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	56	2.65	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	69		2	32.72	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	69		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	69		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	138	244.55	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	133	18.86	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	133	16.79	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	6		2	0.25	0.11	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	56		2	0.22	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	62		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	60		4	0.47	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	57		0		26.70	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		

AUID 1249_02 West end of reservoir near headwaters

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	3	3.50	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

AUID 1249_02 West end of reservoir near headwaters

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	7	4.36	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	3	3.50	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	5	0.60	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1249_02** West end of reservoir near headwaters

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	4	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	1	0.15	0		1.15	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	1	2.50	0		10.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	1	30.20	0		2,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	1	0.15	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	121	0.10	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	3	0.50	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1249_02** West end of reservoir near headwaters

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	7	4.36	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	4	0.50	0		240.00	LD	NC	☐	NC		

SEGID 1250 South Fork San Gabriel River

AUID 1250_01 From the confluence with the San Gabriel River upstream to confluence with unnamed tributary (NHD RC 12070205002995).

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	12/1/2003	11/30/2010	69		1	4.9	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	69		0		3.00	AD	FS	☐	FS		
Habitat	Habitat	12/1/2003	11/30/2010	3	21.70			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	4	36.00			29.00	AD	CS	☐	CS	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2003	11/30/2010	4	49.10			42.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	32	37.65	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	69		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	69		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	69		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	121	289.66	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	117	25.06	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	119	33.07	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	65		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	63		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	63		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	59		0		0.69	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1250_01** From the confluence with the San Gabriel River upstream to confluence with unnamed tributary (NHD RC 12070205002995).

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	12/1/2003	11/30/2010	68		0		14.10	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	21	0.15	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	99	0.24	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1250_01** From the confluence with the San Gabriel River upstream to confluence with unnamed tributary (NHD RC 12070205002995).

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1250_02** From the confluence with unnamed tributary (NHD RC 12070205002995) upstream to unnamed tributary NHD RC 12070205002505)

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	12/1/2003	11/30/2010	48		1	3.9	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	48		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	1		1	4.9	5.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	1		0		3.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	26	40.37	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	48		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	47		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	47		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	121	289.66	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	117	25.06	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	119	33.07	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	36		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	39		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	44		1	3.34	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	44		0		14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	44		0		0.37	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1250_02** From the confluence with unnamed tributary (NHD RC 12070205002995) upstream to unnamed tributary NHD RC 12070205002505)

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	99	0.24	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	21	0.15	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1250_03** From the confluence with unnamed tributary (NHD RC 12070205002505) upstream to headwaters of water body.

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010						ID	NA	☑	CS	depressed dissolved oxygen	

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	121	289.66	0		350.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	117	25.06	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	119	33.07	0		50.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		100.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		100.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	1	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1250_03** From the confluence with unnamed tributary (NHD RC 12070205002505) upstream to headwaters of water body.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	99	0.24	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	21	0.15	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	2	0.50	0		1,000.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	2	0.50	0		240.00	ID	NA	☐	NA		

SEGID 1251 North Fork San Gabriel River

AUID 1251_01 From confluence with Lake Georgetown in Williamson County upstream to confluence with Russell Fork San Gabriel River in Burnet County

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	12/1/2003	11/30/2010	24		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	24		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	21	28.94	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	25		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	25		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	25		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	26	20.96	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	26	286.67	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	26	15.38	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	26		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	25		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	25		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	23		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	23		0		14.10	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1251_01** From confluence with Lake Georgetown in Williamson County upstream to confluence with Russell Fork San Gabriel River in Burnet County

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	26	0.24	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	26	0.12	0		10.00	AD	FS	☐	FS		

AUID **1251_02** From confluence with Russell Fork San Gabriel River upstream to headwaters of water body in Burnet County.

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	26	20.96	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	26	286.67	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	26	15.38	0		50.00	AD	FS	☐	FS		

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	26	0.12	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	26	0.24	0		4.00	AD	FS	☐	FS		

SEGID 1252 Lake Limestone

AUID 1252_01 South end of lake near 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	12/1/2003	11/30/2010	36		4	4.61	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	36		1	6.67	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1		0		92.72	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3		0		1,147.08	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	3		0		52.90	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		400.12	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3		0		24.77	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	3		0		14.58	ID	NA	☐	NA		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1		0		136.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	3	0.15	0		0.76	ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		64.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	1	2.50	0		75.38	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	0.10	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	3	5.00	0		113.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	3	0.27	0		1.54	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		129.79	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1252_01 South end of lake near 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
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	3	1.00	0		8.84	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	33	2.12	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	36		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	36		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	36		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	142	140.08	0		300.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	138	19.09	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	134	16.30	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	35		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	30		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	34		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	35		12	37.3	26.70	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	4	0.38	0		0.75	LD	ND	☐	ND		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1252_01 South end of lake near 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
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	5	4.10	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	9	0.32	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	4	3.00	0		6.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1252_01** South end of lake near 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
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	9	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	9	4.50	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		

AUID 1252_01 South end of lake near 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	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	5	4.10	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.56	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	4	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		

AUID 1252_01 South end of lake near dam

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Thallium	12/1/2003	11/30/2010	4	0.38	0		0.75	LD	ND	☐	ND		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	9	2.50	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	9	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	9	0.32	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	145	0.06	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	4	3.00	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	9	4.50	0		100.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1252_01** South end of lake near dam

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	73.36	0		2,000.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1252_02 Main body of lake

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	12/1/2003	11/30/2010	35		1	2.51	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	35		1	2.51	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		21.22	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		400.12	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		12.81	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		44.42	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		1,021.37	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.33	0		1.54	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		113.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		0.76	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		129.79	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	0.75	0		8.84	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	32	2.78	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	35		1	32.8	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	35		2	9.07	9.00	AD	FS	☐	FS		

AUID 1252_02 Main body of lake

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
Low pH	pH	12/1/2003	11/30/2010	35		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	134	16.30	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	142	140.08	0		300.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	138	19.09	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	29		3	0.21	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	33		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	34		18	40.96	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	34		0		0.05	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	5	4.10	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	4	0.38	0		0.75	LD	ND	☐	ND		

AUID 1252_02 Main body of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	9	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	9	0.32	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	4	3.00	0		6.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	9	4.50	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		

AUID 1252_02 Main body of lake

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	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		

AUID 1252_02 Main body of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	5	4.10	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.56	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	4	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Thallium	12/1/2003	11/30/2010	4	0.38	0		0.75	LD	ND	☐	ND		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	9	2.50	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	73.36	0		2,000.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1252_02** Main body of lake

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	9	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	9	0.32	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	145	0.06	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	9	4.50	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	4	3.00	0		6.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1252_03 Lambs Creek arm on east side of lake

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	12/1/2003	11/30/2010	36		2	3.68	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	36		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		21.22	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		400.12	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		12.81	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		44.42	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		1,021.37	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		113.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.33	0		1.54	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		0.76	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		129.79	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	0.88	0		8.84	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	33	2.65	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	36		1	32.6	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	36		2	9.14	9.00	AD	FS	☐	FS		

AUID 1252_03 Lambs Creek arm on east side of lake

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
Low pH	pH	12/1/2003	11/30/2010	36		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	134	16.30	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	142	140.08	0		300.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	138	19.09	0		50.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	30		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	34		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	35		17	32.86	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	35		0		0.05	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	5	4.10	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	4	0.38	0		0.75	LD	ND	☐	ND		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		

AUID 1252_03 Lambs Creek arm on east side of lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	9	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	9	0.32	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	4	3.00	0		6.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	9	4.50	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		

AUID 1252_03 Lambs Creek arm on east side of lake

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	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	5	4.10	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		

AUID 1252_03 Lambs Creek arm on east side of lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.56	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	4	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Thallium	12/1/2003	11/30/2010	4	0.38	0		0.75	LD	ND	☐	ND		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	9	2.50	0		10.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1252_03** Lambs Creek arm on east side of lake

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	73.36	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	9	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	145	0.06	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	4	3.00	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	9	4.50	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	9	0.32	0		1.15	LD	NC	☐	NC		

AUID 1252_04 Big Creek Arm of Lake

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	134	16.30	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	142	140.08	0		300.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	138	19.09	0		50.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	4	0.38	0		0.75	LD	ND	☐	ND		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	5	4.10	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1252_04 Big Creek Arm of Lake

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	9	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	9	0.32	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	4	3.00	0		6.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	9	4.50	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		

AUID 1252_04 Big Creek Arm of Lake

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	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.56	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

AUID 1252_04 Big Creek Arm of Lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	5	4.10	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	4	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Thallium	12/1/2003	11/30/2010	4	0.38	0		0.75	LD	ND	☐	ND		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	9	2.50	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	73.36	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	9	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	9	0.32	0		1.15	LD	NC	☐	NC		

AUID 1252_04 Big Creek Arm of Lake

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	4	3.00	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	9	4.50	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	145	0.06	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1252_05 Navasota River Arm near headwaters

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	12/1/2003	11/30/2010	35		3	4.61	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	35		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		21.22	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		400.12	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		12.81	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		44.42	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		1,021.37	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		113.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.40	0		1.54	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	0.95	0		8.84	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		0.76	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		129.79	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	32	3.94	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	35		1	32.8	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	35		1	9.2	9.00	AD	FS	☐	FS		

AUID 1252_05 Navasota River Arm near headwaters

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
Low pH	pH	12/1/2003	11/30/2010	35		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	138	19.09	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	134	16.30	0		50.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	142	140.08	0		300.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	34		6	0.07	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	28		4	0.26	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	33		21	45.66	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	32		1	0.64	0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	5	4.10	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		

AUID 1252_05 Navasota River Arm near headwaters

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Thallium	12/1/2003	11/30/2010	4	0.38	0		0.75	LD	ND	☐	ND		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	5.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	9	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	9	0.32	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	4	3.00	0		6.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	9	4.50	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		

AUID 1252_05 Navasota River Arm near headwaters

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	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	1	0.50	0		3.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	1	0.13	0		0.25	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1252_05 Navasota River Arm near headwaters

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	1	0.50	0		69.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	5	4.10	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	8	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		600.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	9	0.56	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	1	0.40	0		736.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	1	7.50	0		13,932.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	1	0.10	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		473.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	1	1.50	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Thallium	12/1/2003	11/30/2010	4	0.38	0		0.75	LD	ND	☐	ND		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.50	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	1	0.06	0		0.12	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	1	0.10	0		11.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	1	1.00	0		23.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	9	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	1	0.50	0		700.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	73.36	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	1	0.10	0		68.13	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1252_05** Navasota River Arm near headwaters

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	1	0.40	0		6.50	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	1	0.10	0		27.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	4	25.00	0		80.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	9	0.32	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	1	0.10	0		5,569.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	145	0.06	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	9	2.50	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	9	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	1	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	9	4.50	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	1	0.50	0		4.10	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	1	0.10	0		1,194.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	4	3.00	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	1	0.10	0		75.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1253 Navasota River Below Lake Mexia

AUID 1253_01 From headwaters of Lake Limestone upstream to confluence with Plummer's Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		4	4.35	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	27		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		12.81	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		44.42	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		1,021.37	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		400.12	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		21.22	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	4.10	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		0.76	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		129.79	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	2.45	0		8.84	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.33	0		1.54	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		113.43	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	25	50.72	0		126.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1253_01 From headwaters of Lake Limestone upstream to confluence with Plummer's Creek

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	27		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	28		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	28		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	41	57.40	0		440.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	41	38.34	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	54	315.64	0		1,350.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	25		3	2.98	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	27		4	0.73	0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	4	0.33	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	4	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	39	0.41	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1253_01** From headwaters of Lake Limestone upstream to confluence with Plummer's Creek

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	2	5.00	0		70.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	4	0.33	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	4	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	4	117.10	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	4	3.30	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1253_02 From confluence with Plummer's Creek upstream to Springfield Lake

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	12/1/2003	11/30/2010	14		3	4.38	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	1		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2		0		1,021.37	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	2		0		44.42	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	2		0		12.81	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		400.12	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2		0		21.22	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	2	0.95	0		8.84	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	2	5.00	0		113.43	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	2	0.33	0		1.54	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	2	0.15	0		0.76	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	2	2.50	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		129.79	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	12	18.50	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	14		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	14		0		9.00	AD	FS	☐	FS		

AUID 1253_02 From confluence with Plummer's Creek upstream to Springfield Lake

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
Low pH	pH	12/1/2003	11/30/2010	14		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	54	315.64	0		1,350.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	41	57.40	0		440.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	41	38.34	0		150.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	14		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	14		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	4	0.15	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	4	0.33	0		1.15	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	2	5.00	0		70.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1253_02** From confluence with Plummer's Creek upstream to Springfield Lake

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	39	0.41	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	4	0.33	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	4	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	4	3.30	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	4	117.10	0		2,000.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1253_03** From headwaters of Springfield Lake upstream to confluence with Lake Mexia

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	12/1/2003	11/30/2010	5		1	2.9	5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	5		1	2.9	3.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	5		1	4.8	5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	5		0		3.00	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	5		0		33.90	LD	NC	☐	NC		
High pH	pH	12/1/2003	11/30/2010	5		0		9.00	LD	NC	☐	NC		
Low pH	pH	12/1/2003	11/30/2010	5		0		6.50	LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	54	315.64	0		1,350.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	41	57.40	0		440.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	41	38.34	0		150.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	2	5.00	0		70.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	4	0.33	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	2	5.00	0		62.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	4	0.15	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1253_03** From headwaters of Springfield Lake upstream to confluence with Lake Mexia

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	2	3.00	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	4	0.50	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	2	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	4	5.00	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	39	0.41	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	4	0.33	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	4	0.15	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	4	117.10	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	4	3.30	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	2	5.00	0		70.00	ID	NA	☐	NA		

SEGID 1253A Springfield Lake (unclassified water body)

AUID 1253A_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	40		4	4.35	5.00	SM	NC	☐	NC	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	40		0		3.00	SM	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	10		1	4.7	5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	10		2	2.5	3.00	AD	CN	☐	CN	depressed dissolved oxygen	

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	27	9.73	0		126.00	AD	FS	☐	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	Chlorophyll-a	12/1/2003	11/30/2010	27		22	57.19	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	27		10	0.26	0.20	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	26		2	0.19	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	28		1	0.63	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	28		12	0.11	0.05	AD	CS	☐	CS	orthophosphorus	

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	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1253A_01** Entire water body

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	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		

SEGID 1254 Aquilla Reservoir

AUID 1254_01 South end of reservoir near 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	12/1/2003	11/30/2010	51		3	3.51	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	51		1	2.65	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	6		1	4.9	5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	6		0		3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	8		0		78.92	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	8		0		121.01	LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/1/2003	11/30/2010	8		0		20.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	8		0		1,496.39	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	7		0		19.60	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8		0		579.10	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	8		0		35.31	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	8		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	8		0		360.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	8	2.50	0		183.41	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	8	0.19	0		1.19	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	8	2.00	0		121.97	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2003	11/30/2010	8	0.16	0		5.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	8	2.84	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	8	2.00	0		206.67	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1254_01 South end of reservoir near 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
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	8	0.16	0		3.18	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	7	1.35	0		14.35	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	24	3.01	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	69		1	32.5	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	51		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	51		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	108	53.22	0		310.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	224	276.88	0		600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	109	14.99	0		110.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	29		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	40		1	0.12	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	41		24	1.44	0.37	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	36		1	29.5	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	40		2	0.07	0.05	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	6	0.05	0		700.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254_01** South end of reservoir near 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
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	6	0.05	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.50	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.05	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2003	11/30/2010	2	0.05	0		0.33	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.16	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	2	0.05	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	8	2.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.19	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2003	11/30/2010	1	0.03	0		0.07	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1254_01 South end of reservoir near 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	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.05	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	149	0.89	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	8	0.16	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.05	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.50	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	6	0.05	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzo(a)pyrene	12/1/2003	11/30/2010	1	0.03	0		0.07	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	6	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	2	0.05	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methoxychlor	12/1/2003	11/30/2010	2	0.05	0		0.33	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254_01** South end of reservoir near dam

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	6	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.16	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.69	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.19	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Endrin	12/1/2003	11/30/2010	2	0.05	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	84	0.32	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Aldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	36	0.20	0		2.00	AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	37	1.08	0		3.00	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254_02** Aquilla Creek arm on the west

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	12/1/2003	11/30/2010	35		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	35		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	4		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	4		0		3.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	21	3.30	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	41		1	32.3	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	35		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	35		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	224	276.88	0		600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	109	14.99	0		110.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	108	53.22	0		310.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	39		1	0.12	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	27		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	39		1	0.06	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	40		20	1.55	0.37	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	28		3	28.97	26.70	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254_02** Aquilla Creek arm on the west

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	6	0.05	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.50	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.05	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2003	11/30/2010	2	0.05	0		0.33	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.16	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	6	0.05	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	2	0.05	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	8	2.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.19	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2003	11/30/2010	1	0.03	0		0.07	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		

AUID 1254_02 Aquilla Creek arm on the west

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	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.05	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	149	0.89	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	8	0.16	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.05	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.50	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	6	0.05	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	6	0.05	0		700.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254_02** Aquilla Creek arm on the west

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	2	0.05	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	6	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Aldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Methoxychlor	12/1/2003	11/30/2010	2	0.05	0		0.33	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.16	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.69	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzo(a)pyrene	12/1/2003	11/30/2010	1	0.03	0		0.07	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.19	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Endrin	12/1/2003	11/30/2010	2	0.05	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	84	0.32	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	37	1.08	0		3.00	AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	36	0.20	0		2.00	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID	1254_03	Hackberry Creek arm on the east

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	12/1/2003	11/30/2010	55		2	4.08	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	55		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	4		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	4		0		3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Heptachlor	12/1/2003	11/30/2010	1		0		0.52	ID	NA	☐	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1		0		37.04	ID	NA	☐	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Endrin	12/1/2003	11/30/2010	2		0		0.18	ID	NA	☐	NA		
Acute Toxic Substances in water	Aldrin	12/1/2003	11/30/2010	1		0		3.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Dieldrin	12/1/2003	11/30/2010	2		0		2.50	ID	NA	☐	NA		
Chronic Toxic Substances in water	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Endrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Methoxychlor	12/1/2003	11/30/2010	2	0.02	0		0.03	ID	NA	☐	NA		
Chronic Toxic Substances in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.04	0		0.08	ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.53	0		14.15	ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/1/2003	11/30/2010	4		0		1,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2003	11/30/2010	4		0		48.60	LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/1/2003	11/30/2010	4		0		40,000.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2003	11/30/2010	4		0		2.20	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2003	11/30/2010	4		0		1.06	LD	NC	☐	NC		

AUID 1254_03 Hackberry Creek arm on the east

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	Copper	12/1/2003	11/30/2010	4		0		149.00	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2003	11/30/2010	4		2	39.7	33.00	LD	CS	☐	CS	arsenic in sediment	
Toxic Substances in sediment	Chromium	12/1/2003	11/30/2010	4		0		111.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2003	11/30/2010	4		0		459.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2003	11/30/2010	4		0		4.98	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2003	11/30/2010	4		0		128.00	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	23	4.47	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	55		2	33.2	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	55		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	55		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	108	53.22	0		310.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	224	276.88	0		600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	109	14.99	0		110.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	28		3	33.5	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	27		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	33		1	0.14	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	33		17	1.72	0.37	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	34		1	0.06	0.05	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254_03** Hackberry Creek arm on the east

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	6	0.05	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2003	11/30/2010	1	0.03	0		0.07	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.50	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	6	0.05	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.05	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2003	11/30/2010	2	0.05	0		0.33	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.16	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	2	0.05	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.19	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	8	2.00	0		62.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		

AUID 1254_03 Hackberry Creek arm on the east

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	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	8	0.16	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.05	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.50	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	6	0.05	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	6	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	6	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methoxychlor	12/1/2003	11/30/2010	2	0.05	0		0.33	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.05	0		6.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254_03** Hackberry Creek arm on the east

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.16	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	2	0.05	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.69	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	149	0.89	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Aldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzo(a)pyrene	12/1/2003	11/30/2010	1	0.03	0		0.07	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.19	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Endrin	12/1/2003	11/30/2010	2	0.05	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	84	0.32	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	37	1.08	0		3.00	AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	36	0.20	0		2.00	AD	NC	☐	NC		

AUID 1254_SA2 Transition Zone areas associated with Aquilla Creek arm of the lake.

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	12/1/2003	11/30/2010	14		0		5.00	SR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	14		0		3.00	SR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	10		0		5.00	SR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	10		0		3.00	SR	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	14		0		32.20	SR	NA	☐	NA		
High pH	pH	12/1/2003	11/30/2010	14		0		9.00	SR	NA	☐	NA		
Low pH	pH	12/1/2003	11/30/2010	14		0		6.50	SR	NA	☐	NA		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	224	276.88	0		600.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	108	53.22	0		310.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	109	14.99	0		110.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	6		0		0.37	SR	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	6		0		0.05	SR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	2		0		0.11	SR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	4		0		0.20	SR	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	4		1	27.6	26.70	SR	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.50	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	6	0.05	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.05	0		0.20	ID	NA	☐	NA		

AUID 1254_SA2 Transition Zone areas associated with Aquilla Creek arm of the lake.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2003	11/30/2010	2	0.05	0		0.33	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.16	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	2	0.05	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	8	2.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.19	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2003	11/30/2010	1	0.03	0		0.07	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	6	0.05	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		

AUID 1254_SA2 Transition Zone areas associated with Aquilla Creek arm of the lake.

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	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.69	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methoxychlor	12/1/2003	11/30/2010	2	0.05	0		0.33	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.05	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	2	0.05	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	6	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	6	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	6	0.05	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.50	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.05	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Aldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	149	0.89	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254_SA2** Transition Zone areas associated with Aquilla Creek arm of the lake.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.16	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	84	0.32	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Endrin	12/1/2003	11/30/2010	2	0.05	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.19	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzo(a)pyrene	12/1/2003	11/30/2010	1	0.03	0		0.07	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	8	0.16	0		50.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	37	1.08	0		3.00	AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	36	0.20	0		2.00	AD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254_SA3** Transition Zone areas associated with Hackberry Arm of lake.

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	12/1/2003	11/30/2010	7		0		5.00	SR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	7		0		3.00	SR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	7		0		5.00	SR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	7		0		3.00	SR	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	8		0		32.20	SR	NA	☐	NA		
High pH	pH	12/1/2003	11/30/2010	7		0		9.00	SR	NA	☐	NA		
Low pH	pH	12/1/2003	11/30/2010	7		0		6.50	SR	NA	☐	NA		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	224	276.88	0		600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	109	14.99	0		110.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	108	53.22	0		310.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	4		0		0.37	SR	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	4		2	29.1	26.70	SR	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	4		0		0.05	SR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	4		0		0.20	SR	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.19	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	6	0.05	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	6	0.05	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254_SA3** Transition Zone areas associated with Hackberry Arm of lake.

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.50	0		1.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.05	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2003	11/30/2010	2	0.05	0		0.33	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.16	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2003	11/30/2010	2	0.05	0		0.20	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	8	2.00	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2003	11/30/2010	1	0.03	0		0.07	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	1		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	1		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	1		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	1		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	1		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	1		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	1		0		0.06	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254_SA3** Transition Zone areas associated with Hackberry Arm of lake.

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	Copper	12/1/2003	11/30/2010	1		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	1		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	1		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	1		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	1		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	1		0		0.04	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Methoxychlor	12/1/2003	11/30/2010	2	0.05	0		0.33	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	149	0.89	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2003	11/30/2010	8	0.16	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	gamma-BHC (Lindane)	12/1/2003	11/30/2010	1	0.05	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pentachlorophenol (PCP)	12/1/2003	11/30/2010	1	0.50	0		1.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	6	0.05	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	6	0.05	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	6	0.05	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	1	1.05	0		6.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Endrin	12/1/2003	11/30/2010	2	0.05	0		0.20	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	2	0.05	0		50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Benzo(a)pyrene	12/1/2003	11/30/2010	1	0.03	0		0.07	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254_SA3** Transition Zone areas associated with Hackberry Arm of lake.

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.16	0		1.15	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.69	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.19	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Dieldrin	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	84	0.32	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Aldrin	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Heptachlor epoxide	12/1/2003	11/30/2010	2	0.00	0		0.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	1	0.00	0		0.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	37	1.08	0		3.00	AD	NC	☐	NC		
Surface Water Toxic Substances average concern	Alachlor	12/1/2003	11/30/2010	36	0.20	0		2.00	AD	NC	☐	NC		

SEGID 1254A Hackberry Creek (unclassified water body)

AUID 1254A_01 Portion of Hackberry Creek from the confluence with Aquilla Reservoir upstream to the confluence with Little Hackberry Creek in Hill County.

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	12/1/2003	11/30/2010	8		3	3.23	5.00	LD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	8		1	2	3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	6		0		63.62	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	6		0		188.32	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	6		0		2,327.24	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	6		0		153.39	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	6		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	6		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	6		0		32.06	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	6		0		888.04	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	6	3.12	0		18.36	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	6	15.10	0		155.63	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	6	0.34	0		4.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	6	0.40	0		261.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	6	0.03	0		1.49	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	6	3.03	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	6	3.92	0		233.95	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	8		6	6.49	1.95	LD	CS	☐	CS	nitrate	

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1254A_01 Portion of Hackberry Creek from the confluence with Aquilla Reservoir upstream to the confluence with Little Hackberry Creek in Hill County.

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	12/1/2003	11/30/2010	8		6	2.04	0.37	LD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	8		4	3.33	0.33	LD	CS	☐	CS	ammonia	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	5	0.31	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	5	0.34	0		1,071.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	5	0.40	0		502.00	LD	NC	☐	NC		

AUID 1254A_02 Portion of Hackberry Creek from the confluence with Little Hackberry Creek upstream to headwaters in Hill County.

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	5	0.40	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	5	0.31	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	5	0.34	0		1,071.00	LD	NC	☐	NC		

SEGID 1254B Aquilla Creek upstream of Aquilla Reservoir (unclassified water body)

AUID 1254B_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	5		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	5		0		3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	4		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4		0		566.25	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	4		0		6,985.79	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	4		0		801.88	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	4		0		109.05	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4		0		275.47	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	4		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	4		0		2,573.78	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	4	0.50	0		261.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	4	5.16	0		233.95	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4	3.58	0		155.63	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4	0.03	0		1.49	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	4	2.33	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	4	0.06	0		4.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	4	2.88	0		18.36	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	5		2	6.52	1.95	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1254B_01** entire water body

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	5		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	5		0		0.33	LD	NC	☐	NC		

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	4	0.06	0		3.83	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	4	0.18	0		1,071.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	4	0.50	0		502.00	LD	NC	☐	NC		

SEGID 1255 Upper North Bosque River

AUID 1255_01 Portion of Upper North Bosque River from confluence with Indian Creek upstream to confluence with Dry Branch in Erath County.

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	12/1/2003	11/30/2010	153		5	2.72	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	153		3	2.2	3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	85	255.19	1		126.00	AD	NS	☐	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
Water Temperature	Temperature	12/1/2003	11/30/2010	153		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	153		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	153		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	41	97.32	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	41	58.53	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	186	479.33	0		1,000.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	158		96	1.05	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	163		18	1.1	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	158		67	1.48	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	157		72	35.65	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	165		117	4.91	1.95	AD	CS	☐	CS	nitrate	
Nutrient Enrichment	Algae	12/1/2003	11/30/2010						OE	NS	☑	NS	excessive algal growth	4a

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1255_02** Portion of Upper North Bosque River from confluence with Dry Branch upstream to confluence with North/South Forks North Bosque River in Erath County.

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	12/1/2003	11/30/2010	82		16	2.54	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	82		9	1.68	3.00	AD	FS	☑	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2003	11/30/2010	2		2	1.35	4.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2003	11/30/2010	2		2	0.56	3.00	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	33	421.85	1		126.00	AD	NS	☐	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
Water Temperature	Temperature	12/1/2003	11/30/2010	81		0		32.80	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	81		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	81		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	41	58.53	0		150.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	186	479.33	0		1,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	41	97.32	0		200.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	94		55	36.18	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	90		9	0.83	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	94		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	94		1	0.83	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	89		29	0.46	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Enrichment	Algae	12/1/2003	11/30/2010						OE	NS	☑	NS	excessive algal growth	4a

SEGID 1255A Goose Branch (unclassified water body)

AUID 1255A_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	19		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	19		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	19	10529.79	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	19		15	18.58	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	16		13	39.32	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	19		9	1.58	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	19		13	1.03	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	19		10	0.88	0.33	AD	CS	☐	CS	ammonia	

SEGID 1255B North Fork Upper North Bosque River (unclassified water body)

AUID 1255B_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	51		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	51		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	50	1088.75	1		126.00	AD	NS	☐	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	12/1/2003	11/30/2010	51		21	0.52	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	42		32	51.78	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	51		8	1.04	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	51		1	2.26	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	51		5	0.6	0.33	AD	NC	☐	NC		

SEGID 1255C Scarborough Creek (unclassified water body)

AUID 1255C_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	29		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	29		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	28	868.33	1		126.00	AD	NS	☐	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	12/1/2003	11/30/2010	27		19	1.07	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	14		12	54.68	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	28		7	1.14	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	28		2	6.98	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	27		18	1.47	0.69	AD	CS	☐	CS	total phosphorus	

SEGID 1255D South Fork North Bosque River (unclassified water body)

AUID 1255D_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	108		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	108		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	102	452.95	1		126.00	AD	NS	☐	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	Total Phosphorus	12/1/2003	11/30/2010	107		8	0.93	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	86		35	41.35	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	108		24	0.46	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	108		2	2.3	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	108		2	0.45	0.33	AD	NC	☐	NC		

SEGID 1255E Unnamed Tributary of Goose Branch (unclassified water body)

AUID 1255E_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	6		0		2.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	6		0		1.50	LD	NC	☐	NC		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	6	48851.03	1		126.00	LD	CN	☑	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	Total Phosphorus	12/1/2003	11/30/2010	6		6	7.57	0.69	LD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	2		0		14.10	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	6		3	10.98	0.33	LD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	5		5	4.01	0.37	LD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	6		3	6.32	1.95	LD	CS	☐	CS	nitrate	

SEGID 1255F Unnamed Tributary of Scarborough Creek (unclassified water body)

AUID 1255F_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	72		2	1.45	2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	72		1	1.4	1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	71	679.82	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	72		6	2.92	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	72		10	0.54	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	72		9	0.59	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	72		7	0.92	0.69	AD	NC	☐	NC		

SEGID 1255G Woodhollow Branch (unclassified water body)

AUID 1255G_01 Entire water body

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010						ID	NA	☑	NS	bacteria	5b

SEGID 1255H South Fork Upper North Bosque River Reservoir (unclassified water body)

AUID 1255H_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010						AD	NA	☑	CS	depressed dissolved oxygen	

SEGID 1255I Dry Branch (unclassified water body)

AUID 1255I_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	40		0		2.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	40		0		1.50	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	39	443.96	1		126.00	AD	NS	☐	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	Nitrate	12/1/2003	11/30/2010	40		13	3.57	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	40		22	0.64	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	40		2	0.54	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	40		14	1.03	0.69	AD	CS	☐	CS	total phosphorus	

SEGID 1255J Goose Branch Reservoir (unclassified water body)

AUID 1255J_01 entire water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010						ID	NA	☑	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010						ID	NA	☑	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010						ID	NA	☑	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010						ID	NA	☑	CS	chlorophyll-a	

SEGID 1255K Scarborough Creek Reservoir (unclassified water body)

AUID 1255K_01 entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		3	4.33	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	25		0		3.00	AD	FS	☐	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	12/1/2003	11/30/2010	25		24	0.7	0.20	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	26		26	103.92	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	26		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	26		18	0.44	0.05	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	26		1	0.13	0.11	AD	NC	☐	NC		

SEGID 1256 Brazos River/Lake Brazos

AUID 1256_01 Brazos River portion of segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	43	705.42	0		1,150.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	42	217.85	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	42	99.15	0		200.00	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	12	0.09	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	14	0.13	0		6.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	11	0.17	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	11	0.02	0		5.00	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		

AUID 1256_01 Brazos River portion of segment

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	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	10	2.98	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	14	0.13	0		6.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	38	0.33	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	12	0.09	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	28	0.21	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	11	49.55	0		2,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	11	0.02	0		5.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1256_02 Lake Brazos portion of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	29		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	29		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	25	56.30	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	29		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	28		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	28		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	42	217.85	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	42	99.15	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	43	705.42	0		1,150.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	27		1	3.5	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	27		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	28		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	28		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	26		12	26.61	14.10	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	11	0.02	0		5.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	14	0.13	0		6.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1256_02** Lake Brazos portion of segment

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	11	0.17	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	12	0.09	0		1.15	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1256_02** Lake Brazos portion of segment

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	11	49.55	0		2,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	14	0.13	0		6.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	38	0.33	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	12	0.09	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	11	0.02	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	10	2.98	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	28	0.21	0		4.00	AD	FS	☐	FS		

AUID 1256_03 Bosque River portion of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	12		2	4.65	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	12		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	12		0		121.62	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	11		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	10		0		161.36	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	11		0		1,994.59	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	11		0		764.86	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	10		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	11		0		51.79	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	11		0		27.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	11	1.27	0		20.01	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	10	4.73	0		169.53	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	12	0.09	0		5.21	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	11	0.17	0		284.13	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	11	0.02	0		1.61	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	10	2.98	0		190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	11	1.71	0		254.81	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	12		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	12		0		9.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1256_03 Bosque River portion of segment

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
Low pH	pH	12/1/2003	11/30/2010	12		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	42	99.15	0		200.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	42	217.85	0		400.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	43	705.42	0		1,150.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	11		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	11		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	8		0		0.69	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	11		0		1.95	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	12	0.09	0		1.15	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	14	0.13	0		6.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	11	0.17	0		62.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	11	0.02	0		5.00	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2003	11/30/2010	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2003	11/30/2010	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2003	11/30/2010	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2003	11/30/2010	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2003	11/30/2010	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2003	11/30/2010	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2003	11/30/2010	2		0		0.53	ID	NA	☐	NA		

AUID 1256_03 Bosque River portion of segment

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	Toxaphene	12/1/2003	11/30/2010	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2003	11/30/2010	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2003	11/30/2010	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2003	11/30/2010	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2003	11/30/2010	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2003	11/30/2010	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2003	11/30/2010	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2003	11/30/2010	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2003	11/30/2010	2		0		0.04	ID	NA	☐	NA		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	11	49.55	0		2,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	14	0.13	0		6.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	38	0.33	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	12	0.09	0		1.15	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	11	0.02	0		5.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	10	2.98	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	28	0.21	0		4.00	AD	FS	☐	FS		

SEGID 1256A Aquilla Creek (unclassified water body)

AUID 1256A_01 Entire water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	35		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	35		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	6		0		32.06	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	7		0		170.43	LD	NC	☐	NC		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1		0		30.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	7		0		132.03	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	7		0		806.38	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	7		0		55.70	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	7		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	7		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	7		0		2,106.53	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	7	3.03	0		233.95	LD	NC	☐	NC		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	1	7.50	0		30.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	7	0.07	0		4.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	6	1.85	0		18.36	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	7	1.06	0		261.58	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	7	0.04	0		1.49	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	7	2.84	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	7	1.91	0		155.63	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1256A_01** Entire water body

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	25	79.45	0		126.00	AD	FS	☐	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	Ammonia	12/1/2003	11/30/2010	6		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	33		7	2.52	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	32		0		0.37	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	3	5.00	0		5,201.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	1	5.00	0		7,143.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	1	0.50	0		956,663.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	3	0.50	0		49.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	2	0.50	0		553.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	3	0.50	0		29.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	3	0.50	0		513.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	5	0.29	0		1,071.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	3	0.50	0		649.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	6	1.17	0		502.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	6	0.07	0		3.83	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

SEGID 1257 Brazos River Below Lake Whitney

AUID 1257_01 Downstream portion of segment from confluence with Aquilla Creek upstream to confluence with Coon Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2003	11/30/2010	80		7	3.47	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	80		2	2.19	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	4		0		271.64	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	5		0		293.59	LD	NC	☐	NC		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4		0		136.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	5		0		30.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	5		0		3,625.70	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1		0		1,166.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4		0		105.56	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	5		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	5		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	4		0		52.53	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	5	5.00	0		342.42	LD	NC	☐	NC		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		64.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Phenanthrene	12/1/2003	11/30/2010	5	1.58	0		30.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	4	0.15	0		8.13	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	4	1.50	0		26.97	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	1	5.00	0		378.24	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4	0.15	0		2.12	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1257_01** Downstream portion of segment from confluence with Aquilla Creek upstream to confluence with Coon Creek

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	5	2.59	0		190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	5	2.85	0		227.93	LD	NC	☐	NC		
Habitat	Habitat	12/1/2003	11/30/2010	2	21.50			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2003	11/30/2010	2	34.20			29.00	AD	CS	☐	CS	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2003	11/30/2010	2	45.50			41.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2003	11/30/2010	76	43.75	0		126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2003	11/30/2010	81		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2003	11/30/2010	78		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2003	11/30/2010	78		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	84	1010.04	0		1,450.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	85	388.51	0		450.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	82	152.70	0		250.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	73		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	74		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	26		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2003	11/30/2010	26		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2003	11/30/2010	27		11	26.73	14.10	AD	CS	☐	CS	chlorophyll-a	

AUID 1257_01 Downstream portion of segment from confluence with Aquilla Creek upstream to confluence with Coon Creek

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.09	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		

AUID 1257_01 Downstream portion of segment from confluence with Aquilla Creek upstream to confluence with Coon Creek

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.12	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	1.40	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	4	0.17	0		6.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	5	1.32	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1257_01 Downstream portion of segment from confluence with Aquilla Creek upstream to confluence with Coon Creek

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	5	0.18	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.12	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	121.17	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.09	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	27	0.21	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	77	0.11	0		10.00	AD	FS	☐	FS		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1257_01** Downstream portion of segment from confluence with Aquilla Creek upstream to confluence with Coon Creek

USE **Public Water Supply Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	4	0.17	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	5	1.40	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	5	0.90	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.12	0		1.15	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	1	0.50	0		3.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1257_02 Upstream portion of segment from confluence with Coon Creek upstream to Lake Whitney 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	12/1/2003	11/30/2010	4		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2003	11/30/2010	4		0		3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4		0		257.17	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2003	11/30/2010	4		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4		0		96.32	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2003	11/30/2010	4		0		1,200.13	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2003	11/30/2010	4		0		45.33	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2003	11/30/2010	4		0		244.96	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2003	11/30/2010	4		0		3,176.50	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2003	11/30/2010	4	1.13	0		227.93	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2003	11/30/2010	4	2.03	0		342.42	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2003	11/30/2010	4	0.08	0		8.13	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2003	11/30/2010	4	1.30	0		26.97	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2003	11/30/2010	4	0.40	0		378.24	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2003	11/30/2010	3	1.33	0		190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2003	11/30/2010	4	0.02	0		2.12	LD	NC	☐	NC		

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	12/1/2003	11/30/2010	4		0		35.00	LD	NC	☐	NC		
High pH	pH	12/1/2003	11/30/2010	4		0		9.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1257_02** Upstream portion of segment from confluence with Coon Creek upstream to Lake Whitney Dam

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
Low pH	pH	12/1/2003	11/30/2010	4		0		6.50	LD	NC	☐	NC		
Dissolved Solids	Sulfate	12/1/2003	11/30/2010	82	152.70	0		250.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2003	11/30/2010	85	388.51	0		450.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2003	11/30/2010	84	1010.04	0		1,450.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2003	11/30/2010	4		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2003	11/30/2010	4		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2003	11/30/2010	4		0		0.33	LD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		200.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID **1257_02** Upstream portion of segment from confluence with Coon Creek upstream to Lake Whitney 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
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2003	11/30/2010	8	0.12	0		1.15	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2003	11/30/2010	5	1.32	0		62.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Cadmium	12/1/2003	11/30/2010	8	0.09	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2003	11/30/2010	5	1.40	0		100.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Antimony	12/1/2003	11/30/2010	4	0.17	0		6.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1257_02 Upstream portion of segment from confluence with Coon Creek upstream to Lake Whitney Dam

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Cresols	12/1/2003	11/30/2010	4	0.40	0		736.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,1,2,2-Tetrachloroethane	12/1/2003	11/30/2010	4	0.50	0		3.20	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bromoform	12/1/2003	11/30/2010	4	0.50	0		69.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Tetrachloroethene	12/1/2003	11/30/2010	1	0.50	0		5.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,1-Trichloroethane	12/1/2003	11/30/2010	3	0.50	0		200.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	1,1,2-Trichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Vinyl chloride	12/1/2003	11/30/2010	4	0.13	0		0.25	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chloroform	12/1/2003	11/30/2010	4	0.50	0		70.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Toluene	12/1/2003	11/30/2010	5	0.90	0		1,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Methyl ethyl ketone	12/1/2003	11/30/2010	4	7.50	0		13,932.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	N-Nitroso-di-n-butylamine	12/1/2003	11/30/2010	4	0.06	0		0.12	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Pentachlorobenzene	12/1/2003	11/30/2010	4	0.10	0		1.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trihalomethane	12/1/2003	11/30/2010	1	25.00	0		80.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Pyridine	12/1/2003	11/30/2010	4	1.00	0		23.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Bis(2-ethylhexyl)phthalate	12/1/2003	11/30/2010	4	1.50	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	o-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		600.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachlorocyclopentadiene	12/1/2003	11/30/2010	4	1.50	0		50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrobenzene	12/1/2003	11/30/2010	4	0.10	0		11.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Barium	12/1/2003	11/30/2010	9	121.17	0		2,000.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	m-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		473.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Trichloroethene	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		

2012 Texas Integrated Report: Assessment Results for Basin 12 - Brazos River

AUID 1257_02 Upstream portion of segment from confluence with Coon Creek upstream to Lake Whitney Dam

USE Public Water Supply Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Surface Water HH criteria for PWS average	Anthracene	12/1/2003	11/30/2010	5	0.18	0		5,569.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Arsenic	12/1/2003	11/30/2010	8	2.12	0		10.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Cadmium	12/1/2003	11/30/2010	8	0.09	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Fluoride	12/1/2003	11/30/2010	27	0.21	0		4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Hexachlorobutadiene (HCBD)	12/1/2003	11/30/2010	4	0.40	0		6.50	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Hexachloroethane	12/1/2003	11/30/2010	4	0.10	0		27.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chrysene	12/1/2003	11/30/2010	4	0.10	0		68.13	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2003	11/30/2010	77	0.11	0		10.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Ethylbenzene	12/1/2003	11/30/2010	4	0.50	0		700.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichlorobenzene	12/1/2003	11/30/2010	4	0.10	0		75.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Antimony	12/1/2003	11/30/2010	4	0.17	0		6.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	2,4,5-Trichlorophenol	12/1/2003	11/30/2010	4	0.10	0		1,194.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Benzene	12/1/2003	11/30/2010	5	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Carbon tetrachloride	12/1/2003	11/30/2010	5	0.50	0		4.10	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Chlorobenzene	12/1/2003	11/30/2010	5	1.40	0		100.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloroethane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,2-Dichloropropane	12/1/2003	11/30/2010	4	0.50	0		5.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	1,3-Dichloropropene	12/1/2003	11/30/2010	3	0.50	0		3.40	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Lead	12/1/2003	11/30/2010	8	0.12	0		1.15	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2003	11/30/2010	1	0.50	0		240.00	ID	NA	☐	NA		
Surface Water Toxic Substances average concern	Atrazine	12/1/2003	11/30/2010	1	0.50	0		3.00	ID	NA	☐	NA		