

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur 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 2010 period of record is from 12/1/2001 to 11/30/2008. Assessors have the option of going back 10 years (12/1/1998) to select more data, according to assessment guidance.		
ASMT End Date:	The end date of the period of record data for this method was selected; the official 2010 period of record dates are 12/1/2001 to 11/30/2008. Assessors have the option of including more recently collected data than 12/01/2008, if available.		
# 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:	<u>Dataset Qualifier - indicates sample sizes:</u>		
	ID = Inadequate Data (less than 4)	LD = Limited Data (less than 9, greater than 3)	AD = Adequate Data (10 or more samples)
	JQ = Level of support is based on judgment of the assessor	SR = Spatially Not Representative, used with NA	TR = Temporally Not Representative, used with NA
	SM = This assessment method is superseded by another method	OE = Other information than ambient samples evaluated, generally information is provided by outside entity	
LOS:	<u>Level of support for this use, method, assessment parameter:</u>		
	FS = Fully Supporting	NC = No Concern	CN = Use Concern
	CS = Screening Level Concern	NS = Nonsupport	
CF:	Carry forward indicator check box: indicates that the Integrated level of support of CS, CN, or NS was carried forward from a previous assessment due to inadequate data for this method in this assessment.		
Int LOS:	Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: PI = Pending Issue		
TCEQ Cause:	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)		
Cat:	<u>This is the assessment category assigned to this impairment. Subcategories as follows:</u>		
	<u>Category 4:</u> 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.
	<u>Category 5:</u> The water body does not meet applicable water quality standards or is threatened for one or more designated uses by one or more pollutants.		
	5a - A TMDL is underway, scheduled, or will be scheduled.	5b - A review of the water quality standards for this water body will be conducted before a TMDL is scheduled.	5c - Additional data and information will be collected before a TMDL is scheduled.

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0301 Sulphur River Below Wright Patman Lake

AUID 0301_01 From the Arkansas state line approximately 9 miles upstream to the unnamed creek at NHD RC 11140302004559

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	25		1	4.8	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	25		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/1998	11/30/2008	2		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/1998	11/30/2008	2		0		360.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/1998	11/30/2008	2		0		19.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/1998	11/30/2008	2		0		376.36	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/1998	11/30/2008	2		0		11.94	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/1998	11/30/2008	2		0		40.39	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/1998	11/30/2008	2		0		958.79	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/1998	11/30/2008	2		0		77.48	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/1998	11/30/2008	2		0		0.80	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/1998	11/30/2008	2	2.53			190.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/1998	11/30/2008	2	4.00			62.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/1998	11/30/2008	2	6.75			93.33	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/1998	11/30/2008	2	0.50			1.15	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/1998	11/30/2008	2	2.25			7.26	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/1998	11/30/2008	2	0.32			0.64	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/1998	11/30/2008	2	1.50			107.46	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0301_01

From the Arkansas state line approximately 9 miles upstream to the unnamed creek at NHD RC 11140302004559

USE

Recreation Use

Method	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	18		0		394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	18	17.19			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	12/1/2001	11/30/2008	25		1	32.4	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	25		0		8.50	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	25		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	48	27.85			100.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	48	18.71			120.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	48	190.69			500.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	22		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	23		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	23		1	0.56	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	23		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	22		15	49.47	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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2001	11/30/2008						OE	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/1998	11/30/2008	2	1.50			3,320.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/1998	11/30/2008	2	0.50			25.30	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	N-Nitroso-di-n-butylamine	12/1/1998	11/30/2008	6		0		0.43	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Nitrobenzene	12/1/1998	11/30/2008	6		0		8.87	LD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0301_01

From the Arkansas state line approximately 9 miles upstream to the unnamed creek at NHD RC 11140302004559

USE

Fish Consumption Use

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	Benz(a)anthracene	12/1/1998	11/30/2008	6		0		0.32	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	beta-BHC	12/1/1998	11/30/2008	6		0		1.28	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/1998	11/30/2008	6		0		0.83	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDT	12/1/1998	11/30/2008	6		0		5.28	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/1998	11/30/2008	6		0		4.38	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Pentachlorophenol (PCP)	12/1/1998	11/30/2008	6		0		532.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDE	12/1/1998	11/30/2008	6		0		5.45	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	1,2,4,5-Tetrachlorobenzene	12/1/1998	11/30/2008	6		0		5.32	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	BHC-alpha isomer	12/1/1998	11/30/2008	6		0		0.37	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	N-Nitrosodiethylamine	12/1/1998	11/30/2008	6		0		0.01	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/1998	11/30/2008	6		0		0.04	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Pentachlorobenzene	12/1/1998	11/30/2008	6		0		14.19	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Pyridine	12/1/1998	11/30/2008	6		0		17.73	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/1998	11/30/2008	6		0		0.13	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Cresols	12/1/1998	11/30/2008	6		0		886.67	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/1998	11/30/2008	6		0		5.25	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/1998	11/30/2008	6		0		0.14	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Benzidine	12/1/1998	11/30/2008	6		0		0.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Benzo(a)pyrene	12/1/1998	11/30/2008	6		0		0.32	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/1998	11/30/2008	6		0		0.30	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/1998	11/30/2008	6		2	1.16	0.53	LD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0301_01

From the Arkansas state line approximately 9 miles upstream to the unnamed creek at NHD RC 11140302004559

USE

Fish Consumption Use

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	Chrysene	12/1/1998	11/30/2008	6		0		0.32	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Copper	12/1/1998	11/30/2008	6		0		250.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDD	12/1/1998	11/30/2008	6		0		9.61	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/1998	11/30/2008	6		0		0.06	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/1998	11/30/2008	6		0		0.20	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/1998	11/30/2008	6		0		0.61	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachlorobutadiene (HCBd)	12/1/1998	11/30/2008	6		0		11.14	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachloroethane	12/1/1998	11/30/2008	6		0		164.67	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/1/1998	11/30/2008	6		0		0.60	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/1998	11/30/2008	6		0		0.23	LD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0301_02

From the unnamed creek at NHD RC 11140302004559 approximately 10 miles to Wright Patman Lake Dam

USE

Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	34		2	3.3	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	34		1	2.2	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/1998	11/30/2008	11		0		58.14	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/1998	11/30/2008	11		0		0.80	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/1998	11/30/2008	11		1	10	98.73	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/1998	11/30/2008	11		0		1,221.30	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/1998	11/30/2008	11		0		475.72	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/1998	11/30/2008	11		0		26.93	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/1998	11/30/2008	11		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/1998	11/30/2008	11		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/1998	11/30/2008	11		0		15.63	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/1998	11/30/2008	11	2.72			93.33	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/1998	11/30/2008	11	3.89			62.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/1998	11/30/2008	11	0.20			1.15	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/1998	11/30/2008	11	2.30			7.26	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chromium	12/1/1998	11/30/2008	11	0.41			107.46	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/1998	11/30/2008	11	0.07			0.64	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/1998	11/30/2008	11	1.85			190.00	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	17		1	727	394.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0301_02

From the unnamed creek at NHD RC 11140302004559 approximately 10 miles to Wright Patman Lake 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	12/1/2001	11/30/2008	17	13.17			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	12/1/2001	11/30/2008	34		1	32.7	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	34		1	8.7	8.50	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	34		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	48	190.69			500.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	48	18.71			120.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	48	27.85			100.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	31		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	22		13	47.21	14.10	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	30		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	32		3	0.55	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	29		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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2001	11/30/2008						OE	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/1998	11/30/2008	11	0.41			3,320.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/1998	11/30/2008	11	0.20			25.30	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/1998	11/30/2008	6		0		4.38	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Benz(a)anthracene	12/1/1998	11/30/2008	6		0		0.32	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	beta-BHC	12/1/1998	11/30/2008	6		0		1.28	LD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0301_02

From the unnamed creek at NHD RC 11140302004559 approximately 10 miles to Wright Patman Lake 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	Toxaphene	12/1/1998	11/30/2008	6		0		0.83	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDT	12/1/1998	11/30/2008	6		0		5.28	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Pentachlorophenol (PCP)	12/1/1998	11/30/2008	6		0		532.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Nitrobenzene	12/1/1998	11/30/2008	6		0		8.87	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDE	12/1/1998	11/30/2008	6		0		5.45	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	1,2,4,5-Tetrachlorobenzene	12/1/1998	11/30/2008	6		0		5.32	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	BHC-alpha isomer	12/1/1998	11/30/2008	6		0		0.37	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Cresols	12/1/1998	11/30/2008	6		0		886.67	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	N-Nitrosodiethylamine	12/1/1998	11/30/2008	6		0		0.01	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	N-Nitroso-di-n-butylamine	12/1/1998	11/30/2008	6		0		0.43	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Pentachlorobenzene	12/1/1998	11/30/2008	6		0		14.19	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/1998	11/30/2008	6		0		0.23	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/1998	11/30/2008	6		0		0.13	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Pyridine	12/1/1998	11/30/2008	6		0		17.73	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Chrysene	12/1/1998	11/30/2008	6		0		0.32	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/1998	11/30/2008	6		0		0.14	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/1998	11/30/2008	6		0		0.04	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Benzidine	12/1/1998	11/30/2008	6		0		0.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/1998	11/30/2008	6		0		5.25	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/1998	11/30/2008	6		0		0.30	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/1998	11/30/2008	6		2	1.16	0.53	LD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0301_02

From the unnamed creek at NHD RC 11140302004559 approximately 10 miles to Wright Patman Lake 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	12/1/1998	11/30/2008	6		0		250.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDD	12/1/1998	11/30/2008	6		0		9.61	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/1998	11/30/2008	6		0		0.06	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/1998	11/30/2008	6		0		0.20	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/1998	11/30/2008	6		0		0.61	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachlorobutadiene (HCBD)	12/1/1998	11/30/2008	6		0		11.14	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachloroethane	12/1/1998	11/30/2008	6		0		164.67	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/1/1998	11/30/2008	6		0		0.60	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Benzo(a)pyrene	12/1/1998	11/30/2008	6		0		0.32	LD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0302 Wright Patman Lake

AUID 0302_01

800 acres 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	12/1/2001	11/30/2008	9		1	4.6	5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	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 Single Sample	Fecal coliform	12/1/2001	11/30/2008	8		0		400.00	LD	NC	☐	NC		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	8	1.71			200.00	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	12/1/2001	11/30/2008	9		0		32.20	LD	NC	☐	NC		
High pH	pH	12/1/2001	11/30/2008	9		2	8.9	8.50	LD	CN	☐	CN	pH	
Low pH	pH	12/1/2001	11/30/2008	9		0		6.00	LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	232	144.47			400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	198	12.98			75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	198	19.81			75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	12		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	7		1	0.22	0.20	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	12		2	0.09	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	12		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	9		5	69.48	26.70	LD	CS	☐	CS	chlorophyll-a	

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_01

800 acres 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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2001	11/30/2008						OE	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2001	11/30/2008	7	0.05			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	Nitrate	12/1/2001	11/30/2008	18	0.04			10,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Benzene	12/1/2001	11/30/2008	7	0.05			5.00	LD	NC	☐	NC		
Surface Water Toxic Substances average concern	MTBE	12/1/2001	11/30/2008	4	0.10			240.00	LD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_02

300 acres at International Paper intake

USE

Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	60		6	4.18	5.00	SM	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	60		1	2.66	3.00	SM	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	23		6	4.02	5.00	AD	NS	☐	NS	depressed dissolved oxygen	5a
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	23		4	1.68	3.00	AD	NS	☐	NS	depressed dissolved oxygen	5a
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	4		0		20.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	4	0.17			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 Single Sample	E. coli	12/1/2001	11/30/2008	39		0		394.00	AD	FS	☐	FS		
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	1		0		400.00	SM	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	39	1.78			126.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	1	5.00			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	12/1/2001	11/30/2008	60		2	32.75	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	59		12	8.96	8.50	AD	NS	☐	NS	pH	5a
Low pH	pH	12/1/2001	11/30/2008	59		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	232	144.47			400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	198	12.98			75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	198	19.81			75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	48		27	53.01	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	42		5	0.23	0.20	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_02

300 acres at International Paper intake

USE

General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	28		4	0.08	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	49		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	46		10	0.2	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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2001	11/30/2008						OE	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	Fluoride	12/1/2001	11/30/2008	20	0.15			4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2001	11/30/2008	49	0.05			10,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2001	11/30/2008	4	0.17			50.00	LD	NC	☐	NC		

AUID

0302_03

1600 acres southwest of 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	Chloride	12/1/2001	11/30/2008	198	12.98			75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	198	19.81			75.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	232	144.47			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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2001	11/30/2008						OE	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_04

500 acres in the northeast corner 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	12/1/2001	11/30/2008	60		3	4.66	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	60		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	26		1	4.37	5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	26		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	39		0		394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	39	1.74			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	12/1/2001	11/30/2008	60		5	32.8	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	59		21	8.92	8.50	AD	NS	☐	NS	pH	5a
Low pH	pH	12/1/2001	11/30/2008	59		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	232	144.47			400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	198	12.98			75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	198	19.81			75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	48		4	0.39	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	47		23	45.73	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	47		12	0.16	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	27		0		0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	48		0		0.37	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_04

500 acres in the northeast corner 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	12/1/2001	11/30/2008						OE	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	Fluoride	12/1/2001	11/30/2008	18	0.14			4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2001	11/30/2008	48	0.03			10,000.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_05

200 acres in the northwestern tip 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	12/1/2001	11/30/2008	6		1	4.85	5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	6		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	12/1/2001	11/30/2008	6		0		32.20	LD	NC	☐	NC		
High pH	pH	12/1/2001	11/30/2008	6		2	9.03	8.50	LD	ON	☒	NS	pH	5a
Low pH	pH	12/1/2001	11/30/2008	6		0		6.00	LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	232	144.47			400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	198	12.98			75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	198	19.81			75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	9		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	9		1	0.06	0.05	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	9		0		0.11	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		0		0.20	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	12/1/2001	11/30/2008						OE	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	12/1/2001	11/30/2008	16	0.01			10,000.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_06

Big 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	12/1/2001	11/30/2008	33		1	4.42	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	33		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	4		0		20.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	4	0.15			5.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	1		0		459.00	ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/1/2001	11/30/2008	1		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Toxaphene	12/1/2001	11/30/2008	1		0		32.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		561.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	1		0		48.60	ID	NA	☐	NA		
Toxic Substances in sediment	PCBs	12/1/2001	11/30/2008	1		0		676.00	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,170.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		1,520.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	1		0		2.20	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		350.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,050.00	ID	NA	☐	NA		
Toxic Substances in sediment	alpha-BHC	12/1/2001	11/30/2008	1		0		100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		4.99	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	1		0		128.00	ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/2001	11/30/2008	1		0		43.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		62.90	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_06

Big 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
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	1		0		161.06	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		31.30	ID	NA	☐	NA		
Toxic Substances in sediment	beta-BHC	12/1/2001	11/30/2008	1		0		210.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		130.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	1		0		459.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		89.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/1/2001	11/30/2008	1		0		550.00	ID	NA	☐	NA		
Toxic Substances in sediment	Aldrin	12/1/2001	11/30/2008	1		0		80.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		845.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	1		0		33.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,450.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	1		0		4.98	ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		17.60	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	1		0		111.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	1		0		149.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		28.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		140.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		61.80	ID	NA	☐	NA		
Toxic Substances in sediment	Endrin	12/1/2001	11/30/2008	1		0		207.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		2,230.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		536.00	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_06

Big 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
Toxic Substances in sediment	Heptachlor epoxide	12/1/2001	11/30/2008	1		0		16.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	1		0		240.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,650.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		1,290.00	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	24		0		394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	24	1.90			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	12/1/2001	11/30/2008	33		2	32.7	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	33		10	8.87	8.50	AD	NS	☐	NS	pH	5a
Low pH	pH	12/1/2001	11/30/2008	33		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	232	144.47			400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	198	12.98			75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	198	19.81			75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	36		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	35		1	0.07	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	34		3	0.21	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	31		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	26		16	46.75	26.70	AD	CS	☐	CS	chlorophyll-a	

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID 0302_06 Big 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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2001	11/30/2008						OE	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	12/1/2001	11/30/2008	4	0.15			50.00	LD	NC	☐	NC		
Surface Water HH criteria for PWS average	Nitrate	12/1/2001	11/30/2008	40	0.03			10,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2001	11/30/2008	27	0.14			4.00	AD	FS	☐	FS		

AUID 0302_07 4000 acres mid-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	12/1/2001	11/30/2008	6		1	4.08	5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	6		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	12/1/2001	11/30/2008	6		0		32.20	LD	NC	☐	NC		
High pH	pH	12/1/2001	11/30/2008	6		2	8.85	8.50	LD	CN	☒	NS	pH	5a
Low pH	pH	12/1/2001	11/30/2008	6		0		6.00	LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	232	144.47			400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	198	12.98			75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	198	19.81			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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2001	11/30/2008						OE	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_08

1600 acres in upper mid-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	12/1/2001	11/30/2008	6		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	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 Single Sample	Fecal coliform	12/1/2001	11/30/2008	7		0		400.00	LD	NC	☐	NC		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	7	3.17			200.00	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	12/1/2001	11/30/2008	6		0		32.20	LD	NC	☐	NC		
High pH	pH	12/1/2001	11/30/2008	6		2	8.95	8.50	LD	CN	☒	NS	pH	5a
Low pH	pH	12/1/2001	11/30/2008	6		0		6.00	LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	232	144.47			400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	198	12.98			75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	198	19.81			75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	9		0		0.11	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		0		0.20	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	9		1	0.15	0.05	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	9		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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2001	11/30/2008						OE	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_08

1600 acres in upper mid-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	12/1/2001	11/30/2008	12	0.06			10,000.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_09

5000 acres mid-lake, below Hwy 8

USE

Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	49		3	3.42	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	49		1	2.8	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	3		0		20.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	3	0.21			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 Single Sample	E. coli	12/1/2001	11/30/2008	40		2	2400	394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	40	3.90			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	12/1/2001	11/30/2008	49		1	32.4	32.20	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	49		4	8.66	8.50	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	49		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	232	144.47			400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	198	12.98			75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	198	19.81			75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	50		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	48		26	49.75	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	50		8	0.24	0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	30		9	0.12	0.05	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	49		2	0.22	0.11	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_09

5000 acres mid-lake, below Hwy 8

USE

Fish Consumption Use

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	12/1/2001	11/30/2008						OE	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	12/1/2001	11/30/2008	3	0.21			50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2001	11/30/2008	50	0.15			4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2001	11/30/2008	50	0.06			10,000.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_10

4000 acres in upper 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	12/1/2001	11/30/2008	67		18	2.97	5.00	SM	CS	☐	CS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	67		9	1.95	3.00	SM	CN	☐	CN		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	26		17	3.49	5.00	AD	NS	☐	NS	depressed dissolved oxygen	5a
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	26		13	1.96	3.00	AD	NS	☐	NS	depressed dissolved oxygen	5a

USE

Recreation Use

Method	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		2	1808.2	394.00	AD	FS	☐	FS		
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	9		1	600	400.00	SM	NC	☐	NC		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	9	22.97			200.00	SM	NC	☐	NC		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	37	9.43			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	12/1/2001	11/30/2008	67		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	66		0		8.50	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	66		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	232	144.47			400.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	198	12.98			75.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	198	19.81			75.00	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	55		16	38.51	26.70	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	55		20	0.37	0.20	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	61		1	0.49	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	40		13	0.1	0.05	AD	CS	☐	CS	orthophosphorus	

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0302_10

4000 acres in upper portion 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
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	60		13	0.2	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
DSHS Advisories, Closures, and Risk Assessments	Risk Assess.- No Advisory	12/1/2001	11/30/2008						OE	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	Fluoride	12/1/2001	11/30/2008	19	0.18			4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2001	11/30/2008	61	0.08			10,000.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0302A Big Creek (unclassified water body)

AUID 0302A_02

From the confluence with NHD RC 11140302004386 upstream 24.3 km (15.1 mi) to the headwaters near I30 and WQS Appendix D portion of the 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	12/1/2001	11/30/2008	4		1	3.1	4.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	4		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		2	3.17	4.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		1	2.43	3.00	TR	NA	☐	NA		
Habitat	Habitat	12/1/2001	11/30/2008	2	20.00			20.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	31.00			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	44.50			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	3		0		394.00	TR	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	3	67.83			126.00	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	Total Phosphorus	12/1/2001	11/30/2008	4		3	0.95	0.69	TR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		1	2.16	0.33	TR	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	4		1	3.96	1.95	TR	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		1	16.7	14.10	TR	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? Yes

SEGID 0302C Anderson Creek (unclassified water body)

AUID

0302C_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	12/1/2001	11/30/2008	13		3	3.2	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	13		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	4		2	2.34	4.00	LD	CN	☐	CN	depressed dissolved oxygen	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	4		2	1.84	3.00	LD	CN	☐	CN	depressed dissolved oxygen	
Habitat	Habitat	12/1/2001	11/30/2008	2	18.50			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	31.00			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	48.70			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 Single Sample	E. coli	12/1/2001	11/30/2008	8		0		394.00	LD	NC	☐	NC		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	8	52.50			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	12/1/2001	11/30/2008	13		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	12		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	13		1	1.13	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	13		2	29.6	14.10	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? Yes

SEGID 0302D Caney Creek (unclassified water body)

AUID

0302D_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	12/1/2001	11/30/2008	2	21.00			13.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	29.50			22.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	45.90			36.00	AD	FS	☐	FS		

Segment New
in 2010? Yes

SEGID 0302E Rice Creek (unclassified water body)

AUID

0302E_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	12/1/2001	11/30/2008	2	14.00			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	23.70			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	45.90			0.00	AD	FS	☐	FS		

Segment New
in 2010? Yes

SEGID 0302F Akin Creek (unclassified water body)

AUID

0302F_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	12/1/2001	11/30/2008	2				37.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	33.70			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	49.80			42.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0303 Sulphur/South Sulphur River

AUID 0303_01

Portion of the Sulphur/South Sulphur River from Lake Wright Patman upstream approximately 29 km (18 mi) to the confluence with White Oak 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	12/1/2001	11/30/2008	27		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	27		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	6		0		131.13	LD	NC	☐	NC		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	4		0		0.80	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	6		0		1,621.43	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	4		0		53.77	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2001	11/30/2008	6		0		625.89	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	6		0		25.13	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	6		0		360.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2001	11/30/2008	6		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	6		0		21.44	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	4	0.50			1.87	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	6	9.04			190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	6	5.00			128.77	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	6	2.60			10.04	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2001	11/30/2008	6	2.25			146.75	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	6	0.37			0.86	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	6	8.33			85.59	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	1		0		240.00	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID**0303_01**

Portion of the Sulphur/South Sulphur River from Lake Wright Patman upstream approximately 29 km (18 mi) to the confluence with White Oak 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
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,050.00	ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/2001	11/30/2008	1		0		43.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		350.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		1,520.00	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,170.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		561.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/1/2001	11/30/2008	1		0		550.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		536.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	1		0		161.06	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		89.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		130.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		845.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,450.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		1,290.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		140.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		2,230.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	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 Single Sample	E. coli	12/1/2001	11/30/2008	20		6	856.33	394.00	AD	CN	☐	PI	bacteria	

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Portion of the Sulphur/South Sulphur River from Lake Wright Patman upstream approximately 29 km (18 mi) to the confluence with White Oak 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	12/1/2001	11/30/2008	20	86.04			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	12/1/2001	11/30/2008	27		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	26		0		8.50	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	26		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	81	246.72			600.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	78	42.15			180.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	78	20.01			80.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	27		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	25		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	26		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	27		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	27		9	21.97	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	Chromium	12/1/2001	11/30/2008	6	2.25			3,320.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	4	0.50			25.30	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2001	11/30/2008	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2001	11/30/2008	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2001	11/30/2008	2		0		0.04	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0303_01

Portion of the Sulphur/South Sulphur River from Lake Wright Patman upstream approximately 29 km (18 mi) to the confluence with White Oak 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	12/1/2001	11/30/2008	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2001	11/30/2008	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2001	11/30/2008	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2001	11/30/2008	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2001	11/30/2008	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2001	11/30/2008	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2001	11/30/2008	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2001	11/30/2008	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2001	11/30/2008	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2001	11/30/2008	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	2		0		0.25	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0303_02

Portion of the Sulphur/South Sulphur River from the confluence of White Oak Creek approximately 44 km (27 mi) upstream to the confluence with the Roden 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	12/1/2001	11/30/2008	4		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	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 Single Sample	E. coli	12/1/2001	11/30/2008	4		0		394.00	LD	NC	☐	NC		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	3.11			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	12/1/2001	11/30/2008	4		0		33.90	LD	NC	☐	NC		
High pH	pH	12/1/2001	11/30/2008	4		0		8.50	LD	NC	☐	NC		
Low pH	pH	12/1/2001	11/30/2008	4		0		6.00	LD	NC	☐	NC		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	81	246.72			600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	78	20.01			80.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	78	42.15			180.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	4		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		0		14.10	LD	NC	☒	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	4		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		0		0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		0		0.69	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
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2001	11/30/2008	2		0		0.20	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0303_02

Portion of the Sulphur/South Sulphur River from the confluence of White Oak Creek approximately 44 km (27 mi) upstream to the confluence with the Roden 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	Zinc	12/1/2001	11/30/2008	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2001	11/30/2008	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2001	11/30/2008	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2001	11/30/2008	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2001	11/30/2008	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2001	11/30/2008	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2001	11/30/2008	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2001	11/30/2008	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2001	11/30/2008	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2001	11/30/2008	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2001	11/30/2008	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2001	11/30/2008	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	2		0		0.61	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID 0303_03

Portion of the Sulphur/South Sulphur River from the confluence with Roden Creek approximately 44 km (27 mi) upstream to the confluence with the Cottonwood Slough .

USE General Use

Method	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	12/1/2001	11/30/2008	78	42.15			180.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	78	20.01			80.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	81	246.72			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
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2001	11/30/2008	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2001	11/30/2008	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2001	11/30/2008	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2001	11/30/2008	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2001	11/30/2008	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2001	11/30/2008	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2001	11/30/2008	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2001	11/30/2008	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2001	11/30/2008	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2001	11/30/2008	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2001	11/30/2008	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2001	11/30/2008	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	2		0		0.25	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID0303_03

Portion of the Sulphur/South Sulphur River from the confluence with Roden Creek approximately 44 km (27 mi) upstream to the confluence with the Cottonwood Slough .

USE

Fish Consumption Use

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	12/1/2001	11/30/2008	2		0		525.00	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID0303_04

Portion of the Sulphur/South Sulphur River from the confluence with Cottonwood Slough approximately 41.5 km (26 mi) upstream to the confluence with the North Sulphur River.

USEAquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	33		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	33		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	7		0		0.80	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	7		0		142.94	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	7		0		1,767.17	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	7		0		101.36	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	7		0		23.59	LD	NC	☐	NC		
Acute Toxic Substances in water	Chromium	12/1/2001	11/30/2008	7		0		680.28	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	7		0		44.07	LD	NC	☐	NC		
Acute Toxic Substances in water	Aluminum	12/1/2001	11/30/2008	7		0		991.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	7		0		360.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	7	0.09			1.87	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	7	1.63			85.59	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	7	2.06			128.77	LD	NC	☐	NC		
Chronic Toxic Substances in water	Chromium	12/1/2001	11/30/2008	7	0.15			146.75	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	7	0.02			0.86	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	7	1.49			190.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	7	1.61			10.04	LD	NC	☐	NC		

USERecreation Use

Method	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		4	1447.5	394.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID 0303_04

Portion of the Sulphur/South Sulphur River from the confluence with Cottonwood Slough approximately 41.5 km (26 mi) upstream to the confluence with the North Sulphur River.

USE Recreation Use

Method	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	12/1/2001	11/30/2008	20	69.24			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	12/1/2001	11/30/2008	33		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	32		1	8.6	8.50	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	32		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	81	246.72			600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	78	20.01			80.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	78	42.15			180.00	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	31		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	24		6	24.58	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	32		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	33		1	2.25	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	31		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	12/1/2001	11/30/2008	7	0.15			3,320.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	7	0.09			25.30	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2001	11/30/2008	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2001	11/30/2008	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2001	11/30/2008	2		0		525.00	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID 0303_04

Portion of the Sulphur/South Sulphur River from the confluence with Cottonwood Slough approximately 41.5 km (26 mi) upstream to the confluence with the North Sulphur 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	12/1/2001	11/30/2008	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2001	11/30/2008	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2001	11/30/2008	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2001	11/30/2008	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2001	11/30/2008	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	2		0		0.61	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2001	11/30/2008	2		0		0.20	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2001	11/30/2008	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2001	11/30/2008	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2001	11/30/2008	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2001	11/30/2008	2		0		0.23	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0303_05

Portion of the Sulphur/South Sulphur River from the confluence with the North Sulphur River approximately 43 km (26.5 mi) upstream to Cooper Lake dam

USE

Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	21		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	21		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	18		1	730	394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	18	64.01			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	12/1/2001	11/30/2008	21		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	21		0		8.50	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	21		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	81	246.72			600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	78	20.01			80.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	78	42.15			180.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	20		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	20		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	20		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	20		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	21		3	19.57	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
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2001	11/30/2008	2		0		0.20	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0303_05

Portion of the Sulphur/South Sulphur River from the confluence with the North Sulphur River approximately 43 km (26.5 mi) upstream to Cooper Lake 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	Lead	12/1/2001	11/30/2008	2		0		0.60	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2001	11/30/2008	2		0		0.83	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2001	11/30/2008	2		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2001	11/30/2008	2		0		4.38	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	2		0		0.13	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2001	11/30/2008	2		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mirex	12/1/2001	11/30/2008	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2001	11/30/2008	2		0		0.53	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2001	11/30/2008	2		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	2		0		0.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2001	11/30/2008	2		0		0.14	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	2		0		0.06	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2001	11/30/2008	2		0		250.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2001	11/30/2008	2		0		5.25	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2001	11/30/2008	2		0		0.23	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	2		0		0.61	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0303A Big Creek Lake (unclassified water body)

AUID

0303A_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	12/1/2001	11/30/2008	14		1	4.8	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	14		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	3		0		20.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	3	0.11			5.00	ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/1/2001	11/30/2008	2		2	1180	1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	2		0		459.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	2		0		48.60	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	2		0		1.06	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	2		0		149.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	2		0		111.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	2		0		4.98	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	2		0		128.00	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	13		0		394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	13	9.77			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	12/1/2001	11/30/2008	14		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	14		4	67.53	26.70	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0303A_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	Ammonia	12/1/2001	11/30/2008	14		0		0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	14		1	0.06	0.05	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	14		3	0.52	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
Bioaccumulative Toxics in fish tissue	N-Nitroso-di-n-butylamine	12/1/2001	11/30/2008	5		0		0.43	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	5		0		532.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Zinc	12/1/2001	11/30/2008	1		0		525.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Selenium	12/1/2001	11/30/2008	6		0		4.38	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Nickel	12/1/2001	11/30/2008	1		0		35.00	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	beta-BHC	12/1/2001	11/30/2008	5		0		1.28	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Toxaphene	12/1/2001	11/30/2008	6		0		0.83	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDT	12/1/2001	11/30/2008	5		0		5.28	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	6		0		0.13	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Nitrobenzene	12/1/2001	11/30/2008	5		0		8.87	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDE	12/1/2001	11/30/2008	5		0		5.45	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	1,2,4,5-Tetrachlorobenzene	12/1/2001	11/30/2008	5		0		5.32	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	BHC-alpha isomer	12/1/2001	11/30/2008	5		0		0.37	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	N-Nitrosodiethylamine	12/1/2001	11/30/2008	5		0		0.01	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Pentachlorobenzene	12/1/2001	11/30/2008	5		0		14.19	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Pyridine	12/1/2001	11/30/2008	5		0		17.73	LD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0303A_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	Mirex	12/1/2001	11/30/2008	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Cresols	12/1/2001	11/30/2008	5		0		886.67	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDD	12/1/2001	11/30/2008	5		0		9.61	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Arsenic	12/1/2001	11/30/2008	6		0		0.04	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Benzidine	12/1/2001	11/30/2008	5		0		0.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Benzo(a)pyrene	12/1/2001	11/30/2008	5		0		0.32	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Cadmium	12/1/2001	11/30/2008	6		0		0.23	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/2001	11/30/2008	5		0		0.30	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Chromium	12/1/2001	11/30/2008	6		0		5.25	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Benz(a)anthracene	12/1/2001	11/30/2008	5		0		0.32	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Copper	12/1/2001	11/30/2008	6		0		250.00	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Aldrin	12/1/2001	11/30/2008	6		0		0.14	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	6		0		0.06	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Heptachlor	12/1/2001	11/30/2008	6		0		0.20	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	6		0		0.25	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	6		0		0.61	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachlorobutadiene (HCBd)	12/1/2001	11/30/2008	5		0		11.14	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Mercury	12/1/2001	11/30/2008	6		1	0.56	0.53	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Hexachloroethane	12/1/2001	11/30/2008	5		0		164.67	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Lead	12/1/2001	11/30/2008	6		0		0.60	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Chrysene	12/1/2001	11/30/2008	5		0		0.32	LD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0303A_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	Selenium	12/1/2001	11/30/2008	3	0.11			50.00	ID	NA	☐	NA		
Surface Water HH criteria for PWS average	Fluoride	12/1/2001	11/30/2008	14	0.29			4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2001	11/30/2008	14	0.15			10,000.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0303B White Oak Creek (unclassified water body)

AUID 0303B_01

Portion of White Oak Creek from the confluence with the South Sulphur River approximately 40 km (25 mi) upstream to the confluence with Lacy 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	12/1/2001	11/30/2008	39		12	4.37	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	39		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/1998	11/30/2008	11		4	4.35	5.00	AD	NS	☐	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/1998	11/30/2008	11		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	15		0		26.21	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	15		0		0.80	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	16		0		96.73	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	16		0		1,196.65	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	15		0		56.38	AD	FS	☐	FS		
Acute Toxic Substances in water	Chromium	12/1/2001	11/30/2008	16		0		466.42	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	15		0		360.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Aluminum	12/1/2001	11/30/2008	16		0		991.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	16		0		15.28	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	14	0.15			0.64	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	15	4.48			93.33	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	15	7.16			62.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	14	0.39			1.15	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	14	6.17			190.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	15	2.72			7.26	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID **0303B_01** Portion of White Oak Creek from the confluence with the South Sulphur River approximately 40 km (25 mi) upstream to the confluence with Lacy 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	Chromium	12/1/2001	11/30/2008	15	1.47			107.46	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	24		4	941.75	394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	24	138.76			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	12/1/2001	11/30/2008	39		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	37		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	37		1	0.38	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	41		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	27		5	26.7	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	12/1/2001	11/30/2008	15	1.47			3,320.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	14	2.98			25.30	AD	FS	☐	FS		

AUID **0303B_02** Portion of White Oak Creek from the confluence with the Lacy Creek approximately 42 km (26 mi) upstream to the confluence with Ripley 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 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008						ID	NA	☒	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008						ID	NA	☒	NS	depressed dissolved oxygen	5b

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0303B_03

Portion of White Oak Creek from the confluence with the Ripley Creek approximately 42 km (26 mi) upstream to Stouts 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	12/1/2001	11/30/2008	31		12	3.7	5.00	SM	CS	☐	CS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	31		1	2.7	3.00	SM	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/1998	11/30/2008	13		6	4.05	5.00	AD	NS	☐	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/1998	11/30/2008	13		3	2	3.00	AD	NS	☐	NS	depressed dissolved oxygen	5b
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	3		0		107.62	ID	NA	☐	NA		
Acute Toxic Substances in water	Aluminum	12/1/2001	11/30/2008	3		0		991.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	3		0		0.80	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	3		0		1,331.12	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	3		0		66.18	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	3		0		17.21	ID	NA	☐	NA		
Acute Toxic Substances in water	Chromium	12/1/2001	11/30/2008	3		0		517.07	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	3		0		30.20	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	3		0		360.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	3	0.03			0.64	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chromium	12/1/2001	11/30/2008	3	0.08			107.46	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	3	3.67			7.26	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	3	0.20			1.15	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	3	3.89			93.33	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	3	3.80			62.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	3	2.50			190.00	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID **0303B_03** Portion of White Oak Creek from the confluence with the Ripley Creek approximately 42 km (26 mi) upstream to Stouts 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 Single Sample	E. coli	12/1/2001	11/30/2008	22		4	774.25	394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	22	98.29			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	12/1/2001	11/30/2008	29		1	2.82	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	29		7	0.47	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	28		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	29		2	0.8	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	23		1	23.2	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	12/1/2001	11/30/2008	3	0.20			25.30	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	3	0.08			3,320.00	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0303B_04

Portion of White Oak Creek from the confluence with the Stouts Creek approximately 46 km (28 mi) upstream to Midget 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	12/1/2001	11/30/2008	32		6	3.98	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	32		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/1998	11/30/2008	15		6	4.18	5.00	AD	NS	☐	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/1998	11/30/2008	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 Single Sample	E. coli	12/1/2001	11/30/2008	23		9	949.78	394.00	AD	NS	☐	NS	bacteria	5b
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	23	285.52			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	12/1/2001	11/30/2008	30		21	1.52	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	29		5	0.75	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	25		21	1.27	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	29		15	4.49	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	27		1	17.1	14.10	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0303D Rock Creek (unclassified water body)

AUID

0303D_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	12/1/2001	11/30/2008	4		2	4.45	5.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	4		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		0		5.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		0		3.00	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 Single Sample	E. coli	12/1/2001	11/30/2008	1		0		394.00	TR	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	1	210.00			126.00	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	Chlorophyll-a	12/1/2001	11/30/2008	4		0		14.10	TR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		4	1.5	0.69	TR	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	4		4	9.19	1.95	TR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	3		0		0.33	TR	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0303E East Caney Creek (unclassified water body)

AUID

0303E_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	12/1/2001	11/30/2008	4		1	2.72	3.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	4		0		2.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		0		2.00	TR	NA	☐	NA		
Habitat	Habitat	12/1/2001	11/30/2008	2	20.50			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	21.60			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	43.20			0.00	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	4		2	1161.55	394.00	TR	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	140.85			126.00	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	12/1/2001	11/30/2008	4		1	1.97	1.95	TR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		1	0.64	0.33	TR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		2	1.13	0.69	TR	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		0		14.10	TR	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0303F Stouts Creek (unclassified water body)

AUID

0303F_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	12/1/2001	11/30/2008	4		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	4		0		2.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		1	1.86	3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		1	1.27	2.00	TR	NA	☐	NA		
Habitat	Habitat	12/1/2001	11/30/2008	2	18.50			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	20.50			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	46.40			0.00	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	4		1	2419	394.00	TR	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	282.84			126.00	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	12/1/2001	11/30/2008	4		0		1.95	TR	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		3	16.7	14.10	TR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		3	1.54	0.69	TR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		1	2.31	0.33	TR	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0303G North Caney Creek (unclassified water body)

AUID

0303G_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	12/1/2001	11/30/2008	4		1	2.94	3.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	4		0		2.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		0		2.00	TR	NA	☐	NA		
Habitat	Habitat	12/1/2001	11/30/2008	2	16.50			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	25.80			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	43.70			0.00	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	4		0		394.00	TR	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	51.14			126.00	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	12/1/2001	11/30/2008	4		0		1.95	TR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		1	0.52	0.33	TR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		1	0.7	0.69	TR	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		0		14.10	TR	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0303H Big Creek (unclassified water body)

AUID

0303H_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	12/1/2001	11/30/2008	6		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	6		0		2.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		1	1.63	3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		1	1.06	2.00	TR	NA	☐	NA		
Habitat	Habitat	12/1/2001	11/30/2008	2	12.50			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	23.20			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	39.50			0.00	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	4		1	648.8	394.00	TR	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	96.25			126.00	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	12/1/2001	11/30/2008	4		0		1.95	TR	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		3	36	14.10	TR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		0		0.69	TR	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	4		0		0.37	TR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		2	0.41	0.33	TR	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0303I Big Creek (unclassified water body)

AUID 0303I_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	12/1/2001	11/30/2008	4		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	4		0		2.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		1	1.69	3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		1	1.23	2.00	TR	NA	☐	NA		
Habitat	Habitat	12/1/2001	11/30/2008	2	18.00			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	26.30			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	43.20			0.00	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	4		1	488.4	394.00	TR	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	92.34			126.00	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	12/1/2001	11/30/2008	4		0		1.95	TR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		1	0.57	0.33	TR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		1	0.96	0.69	TR	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		0		14.10	TR	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? Yes

SEGID 0303J Cuthand Creek (unclassified water body)

AUID 0303J_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	12/1/2001	11/30/2008	2	18.00			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	28.90			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	49.10			0.00	AD	FS	☐	FS		

Segment New
in 2010? Yes

SEGID 0303K Little Mustang Creek (unclassified water body)

AUID 0303K_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	12/1/2001	11/30/2008	2	13.00			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	30.00			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	46.90			0.00	AD	FS	☐	FS		

Segment New
in 2010? Yes

SEGID 0303L Kickapoo Creek (unclassified water body)

AUID 0303L_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	12/1/2001	11/30/2008	2	12.00			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	30.60			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	45.40			42.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010?

No

SEGID

0304

Days Creek

AUID

0304_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	12/1/2001	11/30/2008	39		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	39		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	18		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	18		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	3		0		2.20	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	3		0		128.00	ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/1/2001	11/30/2008	3		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	3		0		459.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	9		3	4324.33	561.00	LD	NC	☒	CS	naphthalene in sediment	
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	3		0		48.60	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	9		5	49660	1,520.00	LD	CS	☐	CS	pyrene in sediment	
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	9		0		240.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	3		0		459.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	9		0		350.00	LD	NC	☐	NC		
Toxic Substances in sediment	Iron	12/1/2001	11/30/2008	3		0		40,000.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	9		2	5520	1,050.00	LD	NC	☒	CS	benz(a)anthracene in sediment	
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/2001	11/30/2008	9		0		43.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	9		0		161.06	LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	9		2	34350	1,170.00	LD	NC	☒	CS	phenanthrene in sediment	

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0304_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	Cadmium	12/1/2001	11/30/2008	3		0		4.98	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	9		0		4,650.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	9		3	28453.33	89.00	LD	NC	☒	CS	acenaphthene in sediment	
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	9		2	424	130.00	LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	9		2	5520	845.00	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	9		0		13,770.00	LD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	9		5	6462	1,450.00	LD	CS	☐	CS	benzo(a)pyrene in sediment	
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/1/2001	11/30/2008	9		0		550.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	3		0		111.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	9		2	4765	1,290.00	LD	NC	☒	CS	chrysene in sediment	
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	3		0		149.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	9		2	628.5	140.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	9		5	56240	2,230.00	LD	CS	☐	CS	fluoranthene in sediment	
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	9		3	48090	536.00	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	3		0		33.00	ID	NA	☐	NA		
Habitat	Habitat	12/1/2001	11/30/2008	18	19.10			14.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	18	25.90			22.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	18	41.20			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	27		2	435.85	394.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0304_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 Single Sample	Fecal coliform	12/1/2001	11/30/2008	2		0		400.00	SM	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	27	106.84			126.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	2	25.69			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	12/1/2001	11/30/2008	39		0		32.20	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	39		0		8.50	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	39		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	28	45.86			75.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	30	254.50			850.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	28	42.68			525.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	29		28	10.45	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	9		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	29		4	0.46	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	30		2	0.73	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	30		0		14.10	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010?

No

SEGID 0304A Swampoodle Creek (unclassified water body)

AUID

0304A_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
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008						ID	NA	☒	NS	impaired macrobenthic community	5b
Fish Community	Fish Community	12/1/2001	11/30/2008						ID	NA	☒	NS	impaired fish community	5b

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0304B Cowhorn Creek (unclassified water body)

AUID

0304B_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	12/1/1998	11/30/2008	9		1	4.12	5.00	LD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/1998	11/30/2008	9		0		3.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/1998	11/30/2008	4		1	4.58	5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/1998	11/30/2008	4		0		3.00	LD	NC	☐	NC		
Habitat	Habitat	12/1/2001	11/30/2008	1	18.00			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	21.60			29.00	AD	NS	☐	NS	impaired macrobenthic community	5b
Fish Community	Fish Community	12/1/2001	11/30/2008	2	44.40			42.00	AD	FS	☒	NS	impaired fish community	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 Single Sample	E. coli	12/1/1998	11/30/2008	4		0		394.00	LD	NC	☐	NC		
Bacteria Single Sample	Fecal coliform	12/1/1998	11/30/2008	4		2	725	400.00	SM	CN	☐	CN		
Bacteria Geomean	E. coli	12/1/1998	11/30/2008	4	142.28			126.00	LD	CN	☐	CN	bacteria	
Bacteria Geomean	Fecal coliform	12/1/1998	11/30/2008	4	236.07			200.00	SM	CN	☐	CN		

USE

General Use

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	12/1/1998	11/30/2008	8		0		14.10	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/1998	11/30/2008	8		0		1.95	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/1998	11/30/2008	4		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/1998	11/30/2008	8		1	0.38	0.33	LD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/1998	11/30/2008	8		0		0.69	LD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0304C Wagner Creek (unclassified water body)

AUID

0304C_01

Entire water body and WQS Appendix D portion of the 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	12/1/1998	11/30/2008	27		4	3.5	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/1998	11/30/2008	27		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/1998	11/30/2008	6		2	2.65	4.00	LD	CN	☐	CN	depressed dissolved oxygen	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/1998	11/30/2008	6		2	2.17	3.00	LD	CN	☐	CN	depressed dissolved oxygen	
Toxic Substances in sediment	Zinc	12/1/1998	11/30/2008	1		0		459.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/1998	11/30/2008	1		0		128.00	ID	NA	☐	NA		
Toxic Substances in sediment	Manganese	12/1/1998	11/30/2008	1		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/1998	11/30/2008	1		0		1.06	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/1998	11/30/2008	1		0		561.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/1998	11/30/2008	1		0		48.60	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/1998	11/30/2008	1		1	9410	1,520.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobenzene (HCB)	12/1/1998	11/30/2008	1		0		240.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/1998	11/30/2008	1		0		350.00	ID	NA	☐	NA		
Toxic Substances in sediment	Iron	12/1/1998	11/30/2008	1		0		40,000.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/1998	11/30/2008	1		1	4020	1,050.00	ID	NA	☐	NA		
Toxic Substances in sediment	Di-n-butyl phthalate	12/1/1998	11/30/2008	1		0		43.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/1998	11/30/2008	1		0		161.06	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/1998	11/30/2008	1		0		1,170.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/1998	11/30/2008	1		0		4.98	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0304C_01

Entire water body and WQS Appendix D portion of the 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	1,4-Dichlorobenzene	12/1/1998	11/30/2008	1		0		4,650.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/1998	11/30/2008	1		1	8040	89.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/1998	11/30/2008	1		0		130.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/1998	11/30/2008	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/1998	11/30/2008	1		0		1,450.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/1/1998	11/30/2008	1		0		550.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/1998	11/30/2008	1		0		111.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/1998	11/30/2008	1		0		1,290.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/1998	11/30/2008	1		0		149.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/1998	11/30/2008	1		0		140.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/1998	11/30/2008	1		0		2,230.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/1998	11/30/2008	1		1	8640	536.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/1998	11/30/2008	1		1	4340	845.00	ID	NA	☐	NA		
Habitat	Habitat	12/1/2001	11/30/2008	4				14.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	4	25.60			22.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	4	47.60			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	Fecal coliform	12/1/1998	11/30/2008	3		0		400.00	SM	NA	☐	NA		
Bacteria Single Sample	E. coli	12/1/1998	11/30/2008	9		1	547.5	394.00	LD	NC	☐	NC		
Bacteria Geomean	E. coli	12/1/1998	11/30/2008	9	112.42			126.00	LD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0304C_01

Entire water body and WQS Appendix D portion of the 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	12/1/1998	11/30/2008	3	43.93			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	12/1/1998	11/30/2008	12		4	1.8	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/1998	11/30/2008	12		0		14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/1998	11/30/2008	12		7	0.59	0.33	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Orthophosphorus	12/1/1998	11/30/2008	4		1	0.57	0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/1998	11/30/2008	11		5	4.51	1.95	AD	CS	☐	CS	nitrate	

Segment New
in 2010?

Yes

SEGID 0304D Nix Creek (unclassified water body)

AUID

0304D_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	12/1/2001	11/30/2008	2	18.00			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	29.00			29.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	46.00			42.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0305 North Sulphur River

AUID 0305_01 Portion of the North Sulphur River from the confluence with the Sulphur/South Sulphur upstream approximately 41 km (25 mi) to Morrison 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	12/1/2001	11/30/2008	25		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	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 Single Sample	E. coli	12/1/2001	11/30/2008	20		4	1025	394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	20	84.40			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	12/1/2001	11/30/2008	25		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	25		0		8.50	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	25		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	26	557.06			1,320.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	25	41.68			190.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	25	234.32			475.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	24		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	24		4	21.98	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	24		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	23		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	24		2	2.87	1.95	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0305_02

Portion of the North Sulphur River from the confluence with Morrison Creek upstream approximately 37 km (23 mi) to the 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	12/1/2001	11/30/2008	18		1	4.9	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	18		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	8		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	8		0		3.00	LD	NC	☐	NC		
Habitat	Habitat	12/1/2001	11/30/2008	2	17.50			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	6	21.60			29.00	AD	NS	☐	NS	impaired macrobenthic community	5b
Fish Community	Fish Community	12/1/2001	11/30/2008	6	40.00			41.00	AD	NS	☐	NS	impaired fish community	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 Single Sample	E. coli	12/1/2001	11/30/2008	16		0		394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	16	12.62			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	12/1/2001	11/30/2008	18		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	18		0		8.50	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	18		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	26	557.06			1,320.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	25	41.68			190.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	25	234.32			475.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	16		3	3.06	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	16		0		14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	16		0		0.69	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0305_02

Portion of the North Sulphur River from the confluence with Morrison Creek upstream approximately 37 km (23 mi) to the 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	Orthophosphorus	12/1/2001	11/30/2008	4		0		0.37	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	16		0		0.33	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0305A Rowdy Creek (unclassified water body)

AUID

0305A_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	12/1/2001	11/30/2008	6		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	6		0		2.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		0		2.00	TR	NA	☐	NA		
Habitat	Habitat	12/1/2001	11/30/2008	2	15.50			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	18.70			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	42.30			0.00	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	4		0		394.00	TR	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	21.06			126.00	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	Chlorophyll-a	12/1/2001	11/30/2008	4		0		14.10	TR	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	4		0		1.95	TR	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	4		0		0.37	TR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		0		0.33	TR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		0		0.69	TR	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? Yes

SEGID 0305B Auds Creek (unclassified water body)

AUID 0305B_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	12/1/2001	11/30/2008	2	18.00			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	25.80			29.00	AD	NS	☐	CN	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2001	11/30/2008	2	46.00			41.00	AD	FS	☐	FS		

Segment New
in 2010? Yes

SEGID 0305C Hickory Creek (unclassified water body)

AUID 0305C_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	12/1/2001	11/30/2008	2	20.00			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	24.50			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	48.50			0.00	AD	FS	☐	FS		

Segment New
in 2010? Yes

SEGID 0305D Big Sandy Creek (unclassified water body)

AUID 0305D_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	12/1/2001	11/30/2008	2	16.00			20.00	AD	CS	☐	CS	impaired habitat	
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	24.20			29.00	AD	NS	☐	CN	impaired macrobenthic community	
Fish Community	Fish Community	12/1/2001	11/30/2008	2	43.90			41.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0306 Upper South Sulphur River

AUID 0306_01 Portion of the Upper South Sulphur River from a point 1 km (.6 mi) upstream of SH 71 upstream approximately 10 km (6 mi) to Dunbar 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	12/1/2001	11/30/2008	26		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	26		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	3		0		4.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	3		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 Single Sample	E. coli	12/1/2001	11/30/2008	39		3	1314	394.00	AD	FS	☐	FS		
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	5		2	1050	400.00	SM	NC	☐	NC		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	5	364.19			200.00	SM	CN	☐	CN		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	39	45.73			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	12/1/2001	11/30/2008	45		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	45		14	8.44	8.00	AD	NS	☐	NS	pH	5b
Low pH	pH	12/1/2001	11/30/2008	45		2	6.4	6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	41	472.86			600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	38	32.92			80.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	38	44.42			180.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	26		18	1.42	0.69	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	26		0		0.33	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0306_01

Portion of the Upper South Sulphur River from a point 1 km (.6 mi) upstream of SH 71 upstream approximately 10 km (6 mi) to Dunbar 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	Orthophosphorus	12/1/2001	11/30/2008	24		17	1.17	0.37	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	25		22	7.99	1.95	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	29		20	61.92	14.10	AD	CS	☐	CS	chlorophyll-a	

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0306_02

Portion of the Upper South Sulphur River from the confluence with Dunbar Creek approximately 42 km (26 mi) to Hickory 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	12/1/2001	11/30/2008	14		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	14		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	24		2	850.5	394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	24	30.44			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	12/1/2001	11/30/2008	65		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	65		21	8.21	8.00	AD	NS	☐	NS	pH	5b
Low pH	pH	12/1/2001	11/30/2008	65		2	6.4	6.50	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	38	32.92			80.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	38	44.42			180.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	41	472.86			600.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	12		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	11		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	12		1	0.42	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	12		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	27		6	27.33	14.10	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0306_03

Portion of the Upper South Sulphur River from the confluence with Hickory Creek approximately 19 km (12 mi) to SH 71.

USE

General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	14		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	14		7	8.21	8.00	AD	NS	☐	NS	pH	5b
Low pH	pH	12/1/2001	11/30/2008	14		0		6.50	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	41	472.86			600.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	38	32.92			80.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	38	44.42			180.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010?

No

SEGID

0307

Cooper Lake

AUID

0307_01

Lower 5000 acres 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
High pH	pH	12/1/2001	11/30/2008						ID	NA	☒	NS	pH	5b
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	47	10.89			300.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	49	132.97			1,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	47	5.28			300.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0307_02

Lower 3000 acre Doctors 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	12/1/2001	11/30/2008	24		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	24		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/1999	11/30/2008	10		0		5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/1999	11/30/2008	10		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		0		394.00	AD	FS	☐	FS		
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	1		0		400.00	SM	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	20	3.26			126.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	1	2.00			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	12/1/2001	11/30/2008	24		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	24		2	8.83	8.50	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	24		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	49	132.97			1,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	47	5.28			300.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	47	10.89			300.00	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	24		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	22		1	35.4	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	24		1	0.12	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	24		1	0.07	0.05	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0307_02

Lower 3000 acre Doctors 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
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	24		7	0.63	0.37	AD	CS	☐	CS	nitrate	
Surface Water HH criteria for PWS average	Nitrate	12/1/2001	11/30/2008	24	0.25			10,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Fluoride	12/1/2001	11/30/2008	24	0.17			4.00	AD	FS	☐	FS		

AUID

0307_03

Middle 5000 acres

USE

General Use

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	12/1/2001	11/30/2008						ID	NA	☒	NS	pH	5b
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	49	132.97			1,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	47	5.28			300.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	47	10.89			300.00	AD	FS	☐	FS		

AUID

0307_04

Middle 2000 acre Johns 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
High pH	pH	12/1/2001	11/30/2008						ID	NA	☒	NS	pH	5b
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	47	10.89			300.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	47	5.28			300.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	49	132.97			1,000.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0307_05

Middle 1000 acres near Finley 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	12/1/2001	11/30/2008	26		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	26		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	5		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	5		0		3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	5		0		20.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	5	0.20			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 Single Sample	E. coli	12/1/2001	11/30/2008	21		0		394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	21	3.41			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	12/1/2001	11/30/2008	26		0		33.90	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	26		2	8.8	8.50	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	26		0		6.00	AD	FS	☐	FS		
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	49	132.97			1,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	47	5.28			300.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	47	10.89			300.00	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	25		5	0.61	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	23		1	29.5	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	23		0		0.20	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	25		2	0.07	0.05	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

AUID

0307_05

Middle 1000 acres near Finley 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
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	23		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	12/1/2001	11/30/2008	25	0.17			4.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Nitrate	12/1/2001	11/30/2008	25	0.22			10,000.00	AD	FS	☐	FS		
Surface Water HH criteria for PWS average	Selenium	12/1/2001	11/30/2008	5	0.20			50.00	LD	NC	☐	NC		

AUID

0307_06

Upper 3305 Acres in the 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
Dissolved Solids	Total Dissolved Solids	12/1/2001	11/30/2008	49	132.97			1,000.00	AD	FS	☐	FS		
Dissolved Solids	Chloride	12/1/2001	11/30/2008	47	5.28			300.00	AD	FS	☐	FS		
Dissolved Solids	Sulfate	12/1/2001	11/30/2008	47	10.89			300.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0307A Middle Sulphur River (unclassified water body)

AUID

0307A_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	12/1/2001	11/30/2008	6		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	6		0		2.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		0		2.00	TR	NA	☐	NA		
Habitat	Habitat	12/1/2001	11/30/2008	2	14.00			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	20.30			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	46.80			0.00	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	4		1	727	394.00	TR	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	42.82			126.00	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	12/1/2001	11/30/2008	4		0		1.95	TR	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	4		0		0.37	TR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		1	0.34	0.33	TR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		0		0.69	TR	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		1	17	14.10	TR	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0307B Jernigan Creek (unclassified water body)

AUID

0307B_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	12/1/2001	11/30/2008	6		1	1.72	3.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	6		1	1.72	2.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		0		2.00	TR	NA	☐	NA		
Habitat	Habitat	12/1/2001	11/30/2008	2	12.00			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	21.90			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	40.60			0.00	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	4		1	2419	394.00	TR	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	118.30			126.00	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	12/1/2001	11/30/2008	4		0		1.95	TR	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	4		0		14.10	TR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		0		0.69	TR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		1	0.34	0.33	TR	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	4		0		0.37	TR	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 3 - Sulphur River

Segment New
in 2010? No

SEGID 0307C Pecan Creek (unclassified water body)

AUID

0307C_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	12/1/2001	11/30/2008	6		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	6		0		2.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	2		0		3.00	TR	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	2		0		2.00	TR	NA	☐	NA		
Habitat	Habitat	12/1/2001	11/30/2008	2	13.00			0.00	AD	NC	☐	NC		
Macrobenthic Community	Macrobenthic Community	12/1/2001	11/30/2008	2	21.30			0.00	AD	FS	☐	FS		
Fish Community	Fish Community	12/1/2001	11/30/2008	2	54.20			0.00	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	4		1	2419	394.00	TR	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	4	131.07			126.00	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	Chlorophyll-a	12/1/2001	11/30/2008	4		1	16	14.10	TR	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	4		0		1.95	TR	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	4		0		0.37	TR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	4		0		0.33	TR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	4		0		0.69	TR	NA	☐	NA		