2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

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:	**Dataset Qualifier - indicates sample sizes:**		
	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	SM = This assessment method is superseded by another method	**OE** = Other information than ambient samples evaluated, generally information is provided by outside entity	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:	**Level of support for this use, method, assessment parameter:**		
	FS = Fully Supporting	**NC** = No Concern	**CN** = Use Concern
	CS = Screening Level Concern	**NS** = Nonsupport	
CF:	Carry forward indicator check box: indicates that the Integrated level of support of **CS, CN**, or **NS** was carried forward from a previous assessment due to inadequate data for this method in this assessment.		
Int LOS:	Integrated level of support. This is the overall level of support for this use, method, parameter group, which could be different from the LOS (described above) due to carry forward information or other types of changes. New Code added in 2010: **PI** = Pending Issue		
TCEQ Cause:	This is the impairment description (e.g., bacteria, depressed dissolved oxygen, etc.)		
Cat:	**This is the assessment category assigned to this impairment. Subcategories as follows:**		
	Category 4: Standard is not supported or is threatened for one or more designated uses but does not require the development of a TMDL.		
	4a - TMDL has been completed and approved by EPA.Category.	**4b** - Other pollution control requirements are reasonably expected to result in the attainment of the water quality standard in the near future.	**4c** - Nonsupport of the water quality standard is not caused by a pollutant.
	Category 5: The water body does not meet applicable water quality standards or is threatened for one or more designated uses by one or more pollutants.		
	5a - A TMDL is underway, scheduled, or will be scheduled.	**5b** - A review of the water quality standards for this water body will be conducted before a TMDL is scheduled.	**5c** - Additional data and information will be collected before a TMDL is scheduled.

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

Segment New in 2010? No

SEGID 2411 Sabine Pass

AUID 2411_01

From the end of jetties at the Gulf of Mexico to SH 82

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	30		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	30		0		4.00	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	Enterococcus	12/1/2001	11/30/2008	30		4	382.5	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	30	15.15			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	31		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	31		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	31		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	38		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	36		4	13.83	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	37		4	0.19	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	39		1	0.33	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	39		0		0.21	AD	NC	☐	NC		

Segment New in 2010? Yes

SEGID2411OW Sabine Pass (Oyster Waters)

AUID 2411OW_0 Entire segment

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NA	☐	NA		

Segment New in 2010? No

SEGID 2412 Sabine Lake

AUID 2412_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	66		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	66		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	51		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	54		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	54		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	54		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	54		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	54		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	54		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	55		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	54		0		9.60	AD	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	Enterococcus	12/1/2001	11/30/2008	63		4	1178	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	63	12.35			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	90		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	67		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	67		2	6	6.50	AD	FS	☐	FS		

AUID **2412_01** Entire segment

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	62		8	16.01	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	67		2	0.3	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	65		2	0.22	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	64		1	0.22	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	63		5	0.18	0.10	AD	NC	☐	NC		

Segment New in 2010? **Yes**

SEGID2412OW Sabine Lake (Oyster Waters)

AUID **2412OW_0** Entire segment

USE **Oyster Waters Use**

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NA	☐	NA		

Segment New in 2010? No

SEGID 2421 Upper Galveston Bay

AUID 2421_01 Red Bluff to Five Mile Cut to Houston Point to Morgans Point

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	49		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	5		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	5		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	5		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	5		0		51.60	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	5		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	5		0		270.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	5		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	5		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	5		0		218.00	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	Enterococcus	12/1/2001	11/30/2008	43		4	166	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	43	15.16			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	84		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	48		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	48		0		6.50	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

AUID **2421_01** Red Bluff to Five Mile Cut to Houston Point to Morgans Point

USE General Use

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	40		30	0.43	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	37		7	0.25	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	40		10	0.15	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	40		29	0.3	0.21	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	40		29	26.67	11.60	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	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	2		0		0.09	ID	NA	☐	NA		

AUID 2421_02 Western portion of the bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	109		2	3.49	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	109		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	12		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	12		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		374.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	12		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	12		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	12		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	12		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	12		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	12		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		4.79	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	12		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		4.30	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	Enterococcus	12/1/2001	11/30/2008	86		3	8167	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	86	13.58			35.00	AD	FS	☐	FS		

AUID 2421_02 Western portion of the bay

USE General Use

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	374		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	110		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	110		1	6	6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	97		4	0.2	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	97		56	0.3	0.21	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	92		11	0.24	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	97		36	0.42	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	96		73	25.45	11.60	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	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	1		0		0.17	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDE	12/1/2001	11/30/2008	1		0		3.63	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	9		0		0.09	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDD	12/1/2001	11/30/2008	1		0		6.40	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/2001	11/30/2008	1		0		0.30	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDT	12/1/2001	11/30/2008	1		0		3.52	ID	NA	☐	NA		

AUID 2421_03 Eastern portion of the bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	76		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	76		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	7		0		51.60	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	7		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	7		0		218.00	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	7		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	7		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	7		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	7		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	7		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	7		0		270.00	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	Enterococcus	12/1/2001	11/30/2008	67		4	108	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	67	12.90			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	192		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	76		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	76		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	75		50	19.77	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	76		24	0.25	0.21	AD	CS	☐	CS	total phosphorus	

AUID **2421_03** Eastern portion of the bay

USE **General Use**

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	76		6	0.17	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	76		17	0.35	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	72		0		0.19	AD	NC	☐	NC		

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

Segment New in 2010? No

SEGID 2421A Clear Lake Channel (unclassified water body)

AUID 2421A_01 From Lower Galveston Bay confluence to SH 146

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	10		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	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	Enterococcus	12/1/1999	11/30/2008	13		2	4097	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/1999	11/30/2008	13	28.81			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2000	11/30/2008	18		3	0.34	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2000	11/30/2008	9		1	0.22	0.19	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2000	11/30/2008	12		10	0.19	0.10	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/1/2000	11/30/2008	8		5	0.25	0.21	LD	CS	☐	CS	total phosphorus	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

Segment New in 2010? Yes

SEGID2421OW Upper Galveston Bay (Oyster Waters)

AUID 2421OW_0 Entire western portion of the bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	4a

AUID 2421OW_0 Eastern portion of the bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2422 Trinity Bay

AUID 2422_01 Upper half of bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	174		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	174		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2001	11/30/2008	1		0		7.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	1		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	1		0		15.10	ID	NA	☐	NA		
Acute Toxic Substances in water	Endosulfan 1 (alpha)	12/1/2001	11/30/2008	1		0		0.03	ID	NA	☐	NA		
Acute Toxic Substances in water	DDT	12/1/2001	11/30/2008	1		0		0.13	ID	NA	☐	NA		
Acute Toxic Substances in water	Toxaphene	12/1/2001	11/30/2008	1		0		0.21	ID	NA	☐	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		0.16	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Chlordane	12/1/2001	11/30/2008	1		0		0.09	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Dieldrin	12/1/2001	11/30/2008	1		0		0.71	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	1		0		13.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Aldrin	12/1/2001	11/30/2008	1		0		1.30	ID	NA	☐	NA		
Acute Toxic Substances in water	Endrin	12/1/2001	11/30/2008	1		0		0.04	ID	NA	☐	NA		
Acute Toxic Substances in water	Heptachlor	12/1/2001	11/30/2008	1		0		0.05	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	1		0		133.00	ID	NA	☐	NA		

AUID 2422_01 Upper half of bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1		0		118.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1	0.25			84.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Methoxychlor	12/1/2001	11/30/2008	1	0.02			0.03	ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	1	4.80			9.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Endosulfan 1 (alpha)	12/1/2001	11/30/2008	1	0.00			0.01	ID	NA	☐	NA		
Chronic Toxic Substances in water	Toxaphene	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2001	11/30/2008	1	2.30			4.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1	1.85			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Mirex	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1	0.03			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Heptachlor	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Endrin	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Dieldrin	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1	2.32			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	1	0.94			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Chlordane	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	DDT	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	1	0.03			5.30	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	26		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	4		0		2,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	4		0		1,500.00	LD	NC	☐	NC		

AUID 2422_01 Upper half of bay

USE Aquatic Life Use

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	Zinc	12/1/2001	11/30/2008	26		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	26		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	4		0		4.77	LD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	4		0		2,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	25		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	PCBs	12/1/2001	11/30/2008	1		0		180.00	ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	4		0		2,647.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	4		0		1,950.00	LD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	4		0		0.99	LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	4		0		161,060.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	4		0		2,320.00	LD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	4		0		374.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	26		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	4		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	4		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	26		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	4		0		4,210.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	4		0		500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	4		0		640.00	LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	4		0		1,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	26		0		70.00	AD	NC	☐	NC		

AUID 2422_01 Upper half of bay

USE Aquatic Life Use

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	Chlordane	12/1/2001	11/30/2008	4		0		4.79	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	26		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	4		0		13,770.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	4		0		2,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	26		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	4		0		7.81	LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	4		0		260.00	LD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	4		0		4.30	LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	4		0		5,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	4		0		540.00	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	4		0		12.76	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	Enterococcus	12/1/2001	11/30/2008	165		7	1203.06	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	165	13.32			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	255		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	174		1	9.2	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	174		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	175		46	0.42	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	173		56	26.51	11.60	AD	CS	☐	CS	chlorophyll-a	

AUID 2422_01 Upper half of bay

USE General Use

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	174		37	0.26	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	162		8	0.23	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	174		27	0.16	0.10	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
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	1	0.03			16.90	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2001	11/30/2008	1	0.74			1.48	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1	0.67			1.34	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/1/2001	11/30/2008	1	0.00			0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/1/2001	11/30/2008	1	0.00			0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/1/2001	11/30/2008	1	0.07			0.14	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	1	45.00			90.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis (Chloromethyl) ether	12/1/2001	11/30/2008	1	0.01			0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/1/2001	11/30/2008	1	0.00			0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2001	11/30/2008	1	135.00			8,889.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2,4,5-Tetrachlorobenzene	12/1/2001	11/30/2008	1	0.08			0.16	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2001	11/30/2008	1	2.23			4.45	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Silvex	12/1/2001	11/30/2008	1	5.50			33.60	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2001	11/30/2008	1	78.00			156.00	ID	NA	☐	NA		

AUID 2422_01 Upper half of bay

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2001	11/30/2008	1	0.27			0.54	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2001	11/30/2008	1	92.50			185.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2001	11/30/2008	1	270.00			8.98	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/1/2001	11/30/2008	1	0.27			0.54	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/1/2001	11/30/2008	1	0.01			0.02	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	1	2.50			2,216.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2001	11/30/2008	1	2.70			5.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2001	11/30/2008	1	0.45			0.89	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1	1.20			2.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2001	11/30/2008	1	0.36			0.72	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	1	0.01			0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDD	12/1/2001	11/30/2008	1	0.00			0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzidine	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		

AUID 2422_02 Lower half of bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	73		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	73		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	1		0		15.10	ID	NA	☐	NA		
Acute Toxic Substances in water	DDT	12/1/2001	11/30/2008	1		0		0.13	ID	NA	☐	NA		
Acute Toxic Substances in water	Toxaphene	12/1/2001	11/30/2008	1		0		0.21	ID	NA	☐	NA		
Acute Toxic Substances in water	Endrin	12/1/2001	11/30/2008	1		0		0.04	ID	NA	☐	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		0.16	ID	NA	☐	NA		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2001	11/30/2008	1		0		259.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Dieldrin	12/1/2001	11/30/2008	1		0		0.71	ID	NA	☐	NA		
Acute Toxic Substances in water	Chlordane	12/1/2001	11/30/2008	1		0		0.09	ID	NA	☐	NA		
Acute Toxic Substances in water	Aldrin	12/1/2001	11/30/2008	1		0		1.30	ID	NA	☐	NA		
Acute Toxic Substances in water	Phenanthrene	12/1/2001	11/30/2008	1		0		7.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Heptachlor	12/1/2001	11/30/2008	1		0		0.05	ID	NA	☐	NA		
Chronic Toxic Substances in water	Methoxychlor	12/1/2001	11/30/2008	1	0.02			0.03	ID	NA	☐	NA		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	1	4.80			9.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	DDT	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Toxaphene	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Mirex	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Heptachlor	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Endrin	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Dieldrin	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		

AUID 2422_02 Lower half of bay

USE Aquatic Life Use

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	Chlordane	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2001	11/30/2008	1	6.00			12.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2001	11/30/2008	1	2.30			4.60	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	13		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	13		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	12		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	13		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	13		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	13		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	13		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	13		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	13		0		218.00	AD	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	Enterococcus	12/1/2001	11/30/2008	66		1	650	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	66	12.24			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	231		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	73		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	73		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	72		30	20.15	11.60	AD	CS	☐	CS	chlorophyll-a	

AUID 2422_02 Lower half of bay

USE General Use

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	74		16	0.48	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	72		4	0.22	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	73		9	0.14	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	74		18	0.25	0.21	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2001	11/30/2008	1	0.74			1.48	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2001	11/30/2008	1	180.00			8,889.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Silvex	12/1/2001	11/30/2008	1	7.00			33.60	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2001	11/30/2008	1	2.23			4.45	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Bis (Chloromethyl) ether	12/1/2001	11/30/2008	1	0.01			0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	1,2,4,5-Tetrachlorobenzene	12/1/2001	11/30/2008	1	0.08			0.16	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDE	12/1/2001	11/30/2008	1	0.00			0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2001	11/30/2008	1	78.00			156.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2001	11/30/2008	1	180.00			712.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	1	45.00			90.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/1/2001	11/30/2008	1	0.00			0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	DDT	12/1/2001	11/30/2008	1	0.00			0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1	0.67			1.34	ID	NA	☐	NA		

AUID 2422_02 Lower half of bay

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	DDD	12/1/2001	11/30/2008	1	0.00			0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzidine	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/1/2001	11/30/2008	1	0.27			0.54	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2001	11/30/2008	1	0.27			0.54	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2001	11/30/2008	1	92.50			185.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2001	11/30/2008	1	2.70			5.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Endrin	12/1/2001	11/30/2008	1	0.45			0.89	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2001	11/30/2008	1	0.36			0.72	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/1/2001	11/30/2008	1	0.07			0.14	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	1	0.01			0.01	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1	1.20			2.40	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/1/2001	11/30/2008	1	0.01			0.02	ID	NA	☐	NA		

Segment New in 2010? No

SEGID 2422B Double Bayou West Fork (unclassified water body)

AUID 2422B_01 From the Trinity Bay confluence to Belton Road

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	108		16	2.87	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	108		8	2.22	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	14		6	2.66	4.00	AD	NS	☐	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	14		5	1.56	3.00	AD	NS	☐	NS	depressed dissolved oxygen	5b

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	47		16	1122.25	89.00	AD	NS	☐	NS	bacteria	5c
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	47	58.03			35.00	AD	NS	☐	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	71		2	2.19	1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	100		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	50		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	100		2	0.85	0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	99		22	40.2	21.00	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a

Segment New in 2010? No

SEGID 2422D Double Bayou East Fork (unclassified water body)

AUID 2422D_01 From the Trinity Bay confluence to a point 2.6 km (1.6 mi) upstream of SH 65

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	69		12	2.65	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	69		7	2.04	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	Enterococcus	12/1/2001	11/30/2008	20		4	1391.25	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	20	27.25			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	51		0		1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	67		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	18		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	66		1	0.68	0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	65		3	41.1	21.00	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

Segment New in 2010? Yes

SEGID2422OW Trinity Bay (Oyster Waters)

AUID 2422OW_0 Upper portion of the bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	4a

AUID 2422OW_0 Lower portion of the bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2423 East Bay

AUID 2423_01 Area adjacent to the ICWW (Segment 0702)

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	24		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,600.00	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	Lead	12/1/2001	11/30/2008	1		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		2,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	1		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		2,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	1		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	1		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1		0		12.76	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		1,950.00	ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		0.99	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	1		0		2,320.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		374.00	ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	1		0		2,647.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	1		0		70.00	ID	NA	☐	NA		

AUID 2423_01 Area adjacent to the ICWW (Segment 0702)

USE Aquatic Life Use

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		161,060.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,210.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		540.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	1		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		4.30	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	1		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		2,800.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		5,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	1		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		260.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		4.79	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		640.00	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	Enterococcus	12/1/2001	11/30/2008	22		1	307	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	22	15.40			35.00	AD	FS	☐	FS		

AUID **2423_01** Area adjacent to the ICWW (Segment 0702)

USE **General Use**

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	44		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	24		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	24		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	24		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	22		11	20.05	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	22		1	0.26	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	24		3	0.17	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	24		1	0.23	0.21	AD	NC	☐	NC		

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

AUID 2423_02 Remainder of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	86		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	86		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	13		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		2,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		374.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	14		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		2,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	14		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	14		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		1,950.00	ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		0.99	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	1		0		161,060.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	1		0		2,320.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	14		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	1		0		2,647.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	1		0		13,770.00	ID	NA	☐	NA		

AUID 2423_02 Remainder of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,210.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		640.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	14		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	14		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	14		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		2,800.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	14		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		260.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		5,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		4.30	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		540.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1		0		12.76	ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		4.79	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	80		3	415.33	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	80	11.30			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	232		0		35.00	AD	FS	☐	FS		

AUID 2423_02 Remainder of segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/1/2001	11/30/2008	86		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	86		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	80		0		0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	85		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	78		6	0.12	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	84		4	0.25	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	73		25	16.56	11.60	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	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

Segment New in 2010? No

SEGID 2423A Oyster Bayou (unclassified water body)

AUID 2423A_01 From the East Bay confluence to a point 2.2 km (1.4 mi) upstream from SH 65

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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		5	3.01	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	25		1	1.13	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	6		0		4.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	6		2	2.37	3.00	LD	CN	☐	CN	depressed dissolved oxygen	

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	25		7	232.71	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	25	31.18			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	23		0		1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	23		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	23		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	23		0		0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	23		7	56.41	21.00	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	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a

Segment New in 2010? Yes

SEGID2423OW East Bay (Oyster Waters)

AUID 2423OW_0 East end of bay adjacent to the ICWW and East Bay Bayou

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	4a

AUID 2423OW_0 Remainder of the bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2424 West Bay

AUID 2424_01 Main portion of water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	130		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	130		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	3		0		2,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	3		0		2,320.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	3		0		374.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	3		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	10		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	3		0		2,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	14		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	3		0		1,500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	14		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	14		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	3		0		2,647.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	3		0		1,950.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	3		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	3		0		0.99	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	3		0		161,060.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	3		0		12.76	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	3		0		4.77	ID	NA	☐	NA		

AUID 2424_01 Main portion of water body

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	3		0		4.79	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	14		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	3		0		4,210.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	3		0		500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	3		0		640.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	3		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	14		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	3		0		540.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	14		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	14		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	3		0		2,800.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	14		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	3		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	3		0		260.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	3		0		4.30	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	3		0		5,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	3		0		1,600.00	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	Enterococcus	12/1/2001	11/30/2008	122		2	200.5	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	122	10.61			35.00	AD	FS	☐	FS		

AUID 2424_01 Main portion of water body

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	229		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	145		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	145		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	108		6	14.87	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	139		7	1.3	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	144		1	0.4	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	114		2	0.21	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	134		1	0.3	0.21	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

AUID 2424_02 Area adjacent to Lower Galveston Island

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	34		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	1		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	1		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	1		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	1		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	1		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	1		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	1		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	1		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	1		0		218.00	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	Enterococcus	12/1/2001	11/30/2008	35		3	893	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	35	8.52			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	112		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	41		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	41		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	22		1	14	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	40		1	0.27	0.17	AD	NC	☐	NC		

AUID **2424_02** Area adjacent to Lower Galveston Island

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	36		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	27		1	0.11	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	37		0		0.21	AD	NC	☐	NC		

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

Segment New in 2010? No

SEGID 2424A Highland Bayou (unclassified water body)

AUID 2424A_01 From the Jones Bay confluence upstream to Bayou Lane

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	70		8	3.5	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	70		1	1.9	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	5		0		4.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	5		1	2.3	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	Enterococcus	12/1/2001	11/30/2008	72		11	2670.18	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	72	28.78			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	38		0		1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	35		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	29		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	35		1	8.28	0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	19		2	25.5	21.00	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

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AUID **2424A_02** From Bayou Lane upstream to Lake Road

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	31		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	31		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	6		0		4.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	6		2	2.25	3.00	LD	CN	☐	CN	depressed dissolved oxygen	

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	27		7	810.86	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	27	51.66			35.00	AD	NS	☐	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	17		0		1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	5		5	35.6	21.00	LD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	13		1	10	0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	16		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	7		0		0.46	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	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

AUID 2424A_03 From Lake Road upstream to FM 519

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	54		8	2.83	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	54		3	1.7	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	6		1	2.6	4.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	6		2	1.85	3.00	LD	CN	☐	CN	depressed dissolved oxygen	

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	50		18	1010.5	89.00	AD	NS	☐	NS	bacteria	5c
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	50	61.35			35.00	AD	NS	☐	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	34		1	1.89	0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	6		5	40.4	21.00	LD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	28		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	34		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	37		3	2.08	1.10	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
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a

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AUID **2424A_04** From FM 519 upstream to FM 2004

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	3.13	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	32		2	2.85	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	Enterococcus	12/1/2001	11/30/2008	19		9	1237	89.00	AD	NS	☐	NS	bacteria	5c
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	19	123.74			35.00	AD	NS	☐	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	6		0		0.66	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	1		0		0.46	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	9		0		0.46	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	9		0		1.10	LD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a

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AUID **2424A_05** From FM 2004 to the headwaters just west of FM 1764

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	54		26	2.13	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	54		19	1.66	3.00	AD	NS	☐	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	7		7	2.17	4.00	LD	CN	☐	CN	depressed dissolved oxygen	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	7		7	1.01	3.00	LD	CN	☐	CN	depressed dissolved oxygen	

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	50		37	527.68	89.00	AD	NS	☐	NS	bacteria	5c
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	50	165.86			35.00	AD	NS	☐	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	37		1	2.34	1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	33		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	27		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	33		0		0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	5		3	34.67	21.00	LD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a

Segment New in 2010? No

SEGID 2424B Lake Madeline (unclassified water body)

AUID 2424B_01 Between Jones Street, Stewart Street and Pine Street, north of the seawall on Galveston Island

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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		3	3.72	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	24		3	3.72	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	Enterococcus	12/1/2001	11/30/2008	25		3	1494.33	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	25	11.74			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	17		13	33.69	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	28		3	0.24	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	24		1	0.27	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	22		5	0.29	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	28		7	0.27	0.21	AD	NC	☐	NC		

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Segment New in 2010? No

SEGID 2424C Marchand Bayou (unclassified water body)

AUID 2424C_01 From Highland Bayou confluence 0.72 km (0.45 mi) north of IH-45

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	68		10	2.74	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	68		5	1.82	3.00	AD	FS	☑	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	7		2	3.25	4.00	LD	CN	☐	CN	depressed dissolved oxygen	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	7		3	2.03	3.00	LD	CN	☐	CN	depressed dissolved oxygen	

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	36		17	2132	89.00	AD	NS	☐	NS	bacteria	5a
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	36	90.90			35.00	AD	NS	☐	NS	bacteria	5a

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	38		0		1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	34		0		0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	6		2	28.5	21.00	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	34		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	28		0		0.46	AD	NC	☐	NC		

Segment New in 2010? No

SEGID 2424D Offatts Bayou (unclassified water body)

AUID 2424D_01 Upper area bordered by SH 342 and 71st Street

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	27		0		4.00	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	Arsenic	12/1/2001	11/30/2008	1		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	1		0		13.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	1		0		133.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	1		0		2.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	1	0.03			5.30	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1	1.17			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1	1.35			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1	0.03			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1	0.61			84.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	1	1.22			3.60	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	1		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	1		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	1		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	1		0		51.60	ID	NA	☐	NA		

AUID 2424D_01 Upper area bordered by SH 342 and 71st Street

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	1		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	1		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	1		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	1		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	1		0		410.00	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	Enterococcus	12/1/2001	11/30/2008	27		2	425	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	27	8.25			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	20		1	12	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	30		1	0.22	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	27		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	30		0		0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	24		0		0.10	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
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	1	2.50			2,216.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	1	0.03			16.90	ID	NA	☐	NA		

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AUID **2424D_02** Middle area bordered by 71st Street and Walsh Street

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	35		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	35		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	Enterococcus	12/1/2001	11/30/2008	35		3	962.33	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	35	7.53			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	38		1	0.18	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	35		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	32		2	0.24	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	38		1	0.22	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	27		10	15.94	11.60	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	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

AUID 2424D_03 Lower area bordered by Walsh Street and Techmann Point

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	10		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	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	Enterococcus	12/1/2001	11/30/2008	10		2	1053	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	10	15.11			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	12		0		0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	5		0		11.60	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	6		0		0.10	LD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	11		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	12		1	0.24	0.17	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a

Segment New in 2010? No

SEGID 2424E English Bayou (unclassified water body)

AUID 2424E_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	24		3	3.08	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	24		1	2.47	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	Enterococcus	12/1/2001	11/30/2008	25		3	2784.33	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	25	7.46			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	28		2	0.24	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	22		1	0.52	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	24		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	28		1	0.28	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	11		4	15.5	11.60	AD	CS	☐	CS	chlorophyll-a	

Segment New in 2010? No

SEGID 2424F Crash Basin (unclassified water body)

AUID 2424F_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2000	11/30/2008	22		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2000	11/30/2008	22		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	Fecal coliform	12/1/2000	11/30/2008	12		0		400.00	AD	FS	☐	FS		
Bacteria Single Sample	Enterococcus	12/1/2000	11/30/2008	8		2	1594.5	89.00	SM	NC	☐	NC		
Bacteria Geomean	Enterococcus	12/1/2000	11/30/2008	8	24.93			35.00	SM	NC	☐	NC		
Bacteria Geomean	Fecal coliform	12/1/2000	11/30/2008	12	32.92			200.00	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	12/1/2000	11/30/2008	12		0		0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2000	11/30/2008	24		0		0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2000	11/30/2008	12		0		0.19	AD	NC	☐	NC		

Segment New in 2010? Yes

SEGID 2424G Highland Bayou Diversion Canal (unclassified water body)

AUID 2424G_01 From the confluence with an unnamed tributary adjacent to Jones Bay upstream to the Highland Bayou confluence

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	22		1	2.7	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	22		1	2.7	3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	23		6	1476.17	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	23	22.51			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	21		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	18		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	21		0		1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	21		0		0.66	AD	NC	☐	NC		

Segment New in 2010? Yes

SEGID2424OW West Bay (Oyster Waters)

AUID 2424OW_0 Main portion of bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

AUID 2424OW_0 Area adjacent to Lower Galveston Bay and Galveston Island

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	4a

Segment New in 2010? Yes

SEGID 2424SP Galveston Island State Park (Recreational Beaches)

AUID 2424SP_01 Galveston Island State Park Backside (Beach ID TX226514)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008			14	7.9		OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2425 Clear Lake

AUID 2425_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	103		3	3.62	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	103		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	26		0		45.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	26		0		92.70	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	17		0		564.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	26		0		118.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	19		0		13.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	26		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	25		0		149.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	25		0		133.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	26	2.45			13.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	26	2.09			84.20	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	17	0.25			136.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	19	2.63			3.60	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	26	0.89			10.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	25	13.21			78.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	25	0.56			5.30	AD	FS	☐	FS		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	8		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	8		0		9.60	LD	NC	☐	NC		

AUID 2425_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	8		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	8		0		270.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	8		0		218.00	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	8		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	8		0		51.60	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	8		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	8		0		410.00	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	Enterococcus	12/1/2001	11/30/2008	93		11	875.82	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	93	14.86			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	103		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	103		1	9.05	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	103		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	58		48	33.79	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	86		39	0.49	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	83		41	0.3	0.19	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	75		27	0.21	0.10	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	88		79	0.36	0.21	AD	CS	☐	CS	total phosphorus	

AUID 2425_01 Entire segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	26	2.02			2,216.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	25	0.56			16.90	AD	FS	☐	FS		

Segment New in 2010? No

SEGID 2425A Taylor Lake (unclassified water body)

AUID 2425A_01 From the Clear Lake confluence to the Taylor Bayou confluence near Red Bluff Road

USE Recreation Use

Method	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	Enterococcus	12/1/2001	11/30/2008	2		0		89.00	ID	NA	☐	NA		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	2	10.00			35.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	2		0		0.10	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	1		1	0.22	0.19	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	1		1	0.35	0.17	ID	NA	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	2		2	0.31	0.21	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

Segment New in 2010? No

SEGID 2425B Jarbo Bayou (unclassified water body)

AUID 2425B_01 From the Clear Lake confluence upstream to Lawrence Road

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	33		7	3.14	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	33		3	2.63	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	Enterococcus	12/1/2001	11/30/2008	34		14	598	89.00	AD	NS	☐	NS	bacteria	5a
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	34	44.14			35.00	AD	NS	☐	NS	bacteria	5a

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	29		8	1.15	0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	21		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	32		1	2.08	1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	28		7	0.66	0.46	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

AUID **2425B_02** From Lawrence Road to the headwaters 1.1 km (0.67 mi) upstream of FM 518

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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		0		4.00	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	Enterococcus	12/1/2001	11/30/2008	8		3	412	89.00	LD	NC	☐	NC		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	8	69.88			35.00	LD	CN	☐	CN	bacteria	

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	11		0		1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	11		2	0.7	0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	1		0		0.46	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	8		0		0.66	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	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

Segment New in 2010? Yes

SEGID 2425D Taylor Bayou (unclassified water body)

AUID 2425D_01 From the Taylor Lake confluence to a point 4.6 km (2.8 mi) upstream of State Hwy 146

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	2		0		4.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	2		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	Enterococcus	12/1/2001	11/30/2008	2		0		89.00	ID	NA	☐	NA		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	2	27.02			35.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	1		0		1.10	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	1		0		0.46	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	2		0		0.46	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	2		0		0.66	ID	NA	☐	NA		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a

Segment New in 2010? Yes

SEGID 2425E Harris County Flood Control Ditch A (unclassified water body)

AUID 2425E_01 From the Taylor Bayou confluence to a point 0.28 km (0.17 mi) downstream of Fairmont Parkway

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	2		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	2		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	Enterococcus	12/1/2001	11/30/2008	2		1	450	89.00	ID	NA	☐	NA		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	2	67.08			35.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	2		0		0.66	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	1		0		1.10	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	1		0		0.46	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	2		0		0.46	ID	NA	☐	NA		

Segment New in 2010? No

SEGID 2426 Tabbs Bay

AUID 2426_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	88		7	2.97	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	88		3	2.01	3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	2		0		4.79	ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	2		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	2		0		4.30	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	2		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	2		0		374.00	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	Enterococcus	12/1/2001	11/30/2008	65		8	1465.75	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	65	17.38			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	104		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	91		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	91		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	17		1	14	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	16		11	0.86	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	16		10	0.37	0.19	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	71		41	0.24	0.10	AD	CS	☐	CS	ammonia	

AUID **2426_01** Entire segment

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	54		40	0.36	0.21	AD	CS	☐	CS	total phosphorus	

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
Bioaccumulative Toxics in fish tissue	DDE	12/1/2001	11/30/2008	5		0		3.63	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	DDD	12/1/2001	11/30/2008	4		0		6.40	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	5		0		0.04	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	5		0		0.17	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	11		0		0.09	AD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDT	12/1/2001	11/30/2008	5		0		3.52	LD	NC	☐	NC		

Segment New in 2010? Yes

SEGID 2426C Goose Creek Tidal (unclassified water body)

AUID 2426C_01 From the Tabbs Bay confluence upstream to the East Fork of Goose Creek confluence

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	73		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	73		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	Enterococcus	12/1/2001	11/30/2008	65		12	3765.17	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	65	36.47			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	16		12	0.87	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	16		15	0.29	0.19	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	71		29	0.26	0.10	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	54		54	0.45	0.21	AD	CS	☐	CS	total phosphorus	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	2		0		0.09	ID	NA	☐	NA		

Segment New in 2010? No

SEGID 2427 San Jacinto Bay

AUID 2427_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	164		2	2.32	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	164		2	2.32	3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	1		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		374.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	1		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	1		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	1		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	1		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	1		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		4.30	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	1		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		4.79	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	1		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	1		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		7.81	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	Enterococcus	12/1/2001	11/30/2008	137		16	1784.88	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	137	20.95			35.00	AD	FS	☐	FS		

AUID 2427_01 Entire segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	171		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	169		1	9.3	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	169		1	5.45	6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	40		36	1	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	42		12	33.64	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	116		107	0.39	0.21	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	150		68	0.24	0.10	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	40		28	0.36	0.19	AD	CS	☐	CS	orthophosphorus	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/2001	11/30/2008	1		0		0.30	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDD	12/1/2001	11/30/2008	1		0		6.40	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	1		0		0.17	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	8		0		0.09	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDE	12/1/2001	11/30/2008	1		0		3.63	ID	NA	☐	NA		

Segment New in 2010? No

SEGID 2428 Black Duck Bay

AUID 2428_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	84		2	3.91	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	84		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		374.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		4.79	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		4.30	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	Enterococcus	12/1/2001	11/30/2008	65		4	928	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	65	14.66			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	88		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	87		3	9.14	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	87		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	16		4	0.43	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	17		12	35.08	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	54		35	0.34	0.21	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	16		4	0.24	0.19	AD	NC	☐	NC		

AUID **2428_01** Entire segment

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	71		10	0.19	0.10	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
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDE	12/1/2001	11/30/2008	1		0		3.63	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDT	12/1/2001	11/30/2008	1		0		3.52	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	5		0		0.09	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDD	12/1/2001	11/30/2008	1		0		6.40	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/2001	11/30/2008	1		0		0.30	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	1		0		0.17	ID	NA	☐	NA		

Segment New in 2010? No

SEGID 2429 Scott Bay

AUID 2429_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	84		1	3.87	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	84		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	2		0		4.30	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	2		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	2		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	2		0		4.79	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	2		0		374.00	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	Enterococcus	12/1/2001	11/30/2008	65		7	1440.57	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	65	21.64			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	88		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	86		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	86		1	6.3	6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	71		33	0.23	0.10	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	54		47	0.4	0.21	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	16		12	0.35	0.19	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	16		13	0.92	0.17	AD	CS	☐	CS	nitrate	

AUID **2429_01** Entire segment

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	17		8	18.88	11.60	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	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	9		0		0.09	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDT	12/1/2001	11/30/2008	4		0		3.52	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	4		0		0.17	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	4		0		0.04	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDD	12/1/2001	11/30/2008	4		0		6.40	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/2001	11/30/2008	4		0		0.30	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDE	12/1/2001	11/30/2008	4		0		3.63	LD	NC	☐	NC		

Segment New in 2010? No

SEGID 2430 Burnett Bay

AUID 2430_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	92		1	3.4	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	92		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	2		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	2		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		374.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	2		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	2		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	2		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		4.30	ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	2		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	2		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	2		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		4.79	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	2		0		218.00	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	Enterococcus	12/1/2001	11/30/2008	72		4	1235.75	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	72	17.47			35.00	AD	FS	☐	FS		

AUID 2430_01 Entire segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	95		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	94		1	9.1	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	94		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	24		15	0.33	0.19	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	23		13	30.78	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	79		32	0.21	0.10	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	24		18	0.78	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	62		54	0.39	0.21	AD	CS	☐	CS	total phosphorus	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/2001	11/30/2008	3		0		0.30	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDD	12/1/2001	11/30/2008	3		0		6.40	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	3		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	3		0		0.17	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	10		0		0.09	AD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	DDT	12/1/2001	11/30/2008	3		0		3.52	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDE	12/1/2001	11/30/2008	3		0		3.63	ID	NA	☐	NA		

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

Segment New in 2010? Yes

SEGID 2430A Crystal Bay (unclassified water body)

AUID 2430A_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	72		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	72		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	Enterococcus	12/1/2001	11/30/2008	65		8	1217.38	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	65	22.92			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	16		12	0.98	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	16		12	0.36	0.19	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	71		37	0.21	0.10	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	54		49	0.4	0.21	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	17		6	28.17	11.60	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	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

Segment New in 2010? No

SEGID 2431 Moses Lake

AUID 2431_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	91		4	3.61	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	91		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	2		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	2		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	2		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	2		0		13.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	2		0		133.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	2	0.60			84.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2	0.03			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	2	0.96			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	2	0.03			5.30	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	2	1.51			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2	1.81			78.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	2		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	2		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	2		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	2		0		410.00	ID	NA	☐	NA		

AUID 2431_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	2		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	2		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	2		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	2		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	2		0		9.60	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	83		19	530.05	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	83	26.33			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	95		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	95		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	95		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	89		7	0.24	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	85		5	0.22	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	67		9	0.15	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	84		21	0.26	0.21	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	42		12	15.93	11.60	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	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a

AUID **2431_01** Entire segment

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	2	0.03			16.90	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	2	2.50			2,216.00	ID	NA	☐	NA		

Segment New in 2010? No

SEGID 2431A Moses Bayou (unclassified water body)

AUID 2431A_01 From Moses Lake confluence to 2.2 km (1.4 mi) upstream of SH 3

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	63		5	2.82	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	63		2	1.6	3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	32		10	230.6	89.00	AD	CN	☐	CN	bacteria	
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	32	26.97			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	61		0		1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	57		0		0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	49		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	57		0		0.46	AD	NC	☐	NC		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

Segment New in 2010? No

SEGID 2431B Seawall Lagoon (unclassified water body)

AUID 2431B_01 Located approximately 1.9 km (1.2 mi) south of Dollar Point adjacent to Bay Street N in Galveston County

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	2		0		4.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	2		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	Enterococcus	12/1/2001	11/30/2008	1		0		89.00	ID	NA	☐	NA		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	1	5.00			35.00	ID	NA	☐	NA		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	2		0		0.17	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	2		0		0.19	ID	NA	☐	NA		

Segment New in 2010? No

SEGID 2432 Chocolate Bay

AUID 2432_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	56		2	2.55	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	56		1	1.8	3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	3		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	3		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	3		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	3		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	3		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	3		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	3		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	3		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	3		0		218.00	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	Enterococcus	12/1/2001	11/30/2008	55		6	291.67	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	55	8.46			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	56		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	56		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	56		0		6.50	AD	FS	☐	FS		

AUID **2432_01** Entire segment

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	46		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	56		4	0.25	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	56		5	0.27	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	45		2	23.25	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	56		5	0.25	0.17	AD	NC	☐	NC		

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a

Segment New in 2010? No

SEGID 2432A Mustang Bayou (unclassified water body)

AUID 2432A_01 From the New Bayou confluence upstream to County Road 166

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	0.4	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	14		1	0.4	3.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	16		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	16		0		0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	16		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	16		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	16		2	20.15	14.10	AD	NC	☐	NC		

AUID **2432A_02** From County Road 166 upstream to an unnamed trib 0.3 km upstream of SH 35.

USE **Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	8		2	3.7	5.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	8		0		3.00	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	Orthophosphorus	12/1/2001	11/30/2008	8		0		0.37	TR	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	8		0		0.33	TR	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	8		0		0.69	TR	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	8		0		14.10	LD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	8		0		1.95	TR	NA	☐	NA		

AUID **2432A_03** From an unnamed trib 0.3 km upstream of State Hwy 35 upstream to an unnamed tributary downstream of Cartwright Road.

USE **Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	25		3	3.1	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	25		1	2.5	3.00	AD	FS	☐	FS		

USE **Recreation Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	5		3	1103	394.00	TR	NA	☐	NA		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	5	441.30			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	25		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	25		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	25		0		0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	18		2	20.1		AD	NC	☐	NC		

Segment New in 2010? No

SEGID 2432B Willow Bayou (unclassified water body)

AUID 2432B_01 From the Halls Bayou confluence to a point 9.7 km (6 mi) upstream.

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	28		8	3.55	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	28		2	2.5	3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	13		3	5915.67	394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	13	143.96			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	27		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	24		2	0.48	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	24		0		0.69	AD	NC	☐	NC		

Segment New in 2010? No

SEGID 2432C Halls Bayou Tidal (unclassified water body)

AUID 2432C_01 From the Chocolate Bay confluence upstream to a point 31.5 km (19.6 mi) upstream

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	69		11	2.97	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	69		7	2.74	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	24		2	3.27	4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	24		2	2.15	3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	6		0		218.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	6		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	6		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	3		0		0.71	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	6		0		270.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	6		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	6		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	6		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	6		0		51.60	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	Enterococcus	12/1/2001	11/30/2008	38		8	641.88	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	38	32.80			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	69		0		0.46	AD	NC	☐	NC		

AUID **2432C_01** From the Chocolate Bay confluence upstream to a point 31.5 km (19.6 mi) upstream

USE **General Use**

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	69		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	70		0		0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	38		7	30.71	21.00	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	73		0		1.10	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
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

Segment New in 2010? No

SEGID 2432D Persimmon Bayou (unclassified water body)

AUID 2432D_01 From the New Bayou confluence upstream to the confluence with Mustang Bayou

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	34		9	3.54	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	34		2	2.5	3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	17		2	4241	394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	17	49.11			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	31		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	27		4	0.81	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	28		1	2.04	0.69	AD	NC	☐	NC		

Segment New in 2010? No

SEGID 2432E New Bayou (unclassified water body)

AUID 2432E_01 From the Chocolate Bay confluence upstream 25.4 km (15.8 mi) to an unnamed tributary

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	35		8	3.65	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	35		1	1.9	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		2	4289.5	394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	18	61.32			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	32		0		1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	28		3	0.56	0.37	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	29		0		0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	29		1	0.82	0.69	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	1		0		14.10	ID	NA	☐	NA		

Segment New in 2010? Yes

SEGID2432OW Chocolate Bay (Oyster Waters)

AUID 2432OW_0 Entire segment

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	4a

Segment New in 2010? No

SEGID 2433 Bastrop Bay/Oyster Lake

AUID 2433_01 Bastrop Bay

USE Recreation Use

Method	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	20		1	540	400.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	20	6.15			200.00	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	12/1/1999	11/30/2008	18		0		35.00	AD	FS	☐	FS		

AUID 2433_02 Oyster Lake

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	19		3	1146.67	400.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	19	24.63			200.00	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	12/1/1999	11/30/2008	17		0		35.00	AD	FS	☐	FS		

Segment New in 2010? Yes

SEGID2433OW Bastrop Bay/Oyster Lake (Oyster Waters)

AUID 2433OW_0 Bastrop Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

AUID 2433OW_0 Oyster Lake

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

Segment New in 2010? No

SEGID 2434 Christmas Bay

AUID 2434_02 Remainder of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	35		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	35		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	1		0		13.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	1		0		133.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	1		0		2.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1	0.03			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1	0.73			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	1	0.77			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1	0.25			84.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1	0.88			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	1	0.03			5.30	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	4		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	4		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	4		0		218.00	LD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		2,100.00	ID	NA	☐	NA		

AUID 2434_02 Remainder of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	4		0		51.60	LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		2,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		1,950.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		0.99	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	1		0		161,060.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	1		0		2,320.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	4		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		374.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	4		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		640.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	4		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	4		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1		0		12.76	ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	1		0		2,647.00	ID	NA	☐	NA		

AUID 2434_02 Remainder of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,210.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		2,800.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	4		0		270.00	LD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		260.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		4.30	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		5,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		540.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		4.79	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	36		1	197	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	36	11.98			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	65		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	37		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	37		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	37		1	0.39	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	38		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	37		1	0.16	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	37		1	0.23	0.21	AD	NC	☐	NC		

AUID 2434_02 Remainder of segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	36		2	12.4	11.60	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	1	0.03			16.90	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	1	2.50			2,216.00	ID	NA	☐	NA		

Segment New in 2010? Yes

SEGID2434OW Christmas Bay (Oyster Waters)

AUID 2434OW_0 Area adjacent to West Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

AUID 2434OW_0 Remainder of Christmas Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2435 Drum Bay

AUID 2435_02 Remainder of segment

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	76		1	540	400.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	76	9.48			200.00	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	12/1/1999	11/30/2008	69		0		35.00	AD	FS	☐	FS		

Segment New in 2010? No

SEGID 2435A Nicks Cut (unclassified water body)

AUID 2435A_01 Entire segment

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	19		4	1260	400.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	19	24.59			200.00	AD	FS	☐	FS		

Segment New in 2010? Yes

SEGID2435OW Drum Bay (Oyster Waters)

AUID 2435OW_0 Area adjacent to Christmas Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	4a

AUID 2435OW_0 Remainder of Drum Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2436 Barbours Cut

AUID 2436_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	76		1	2.76	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	76		1	2.76	3.00	AD	FS	☐	FS		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		4.79	ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		4.30	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		374.00	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	Enterococcus	12/1/2001	11/30/2008	65		4	1517.25	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	65	18.31			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	79		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	78		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	78		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	16		10	0.35	0.19	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	71		35	0.21	0.10	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	54		41	0.34	0.21	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	16		13	0.74	0.17	AD	CS	☐	CS	nitrate	

AUID **2436_01** Entire segment

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	3		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDT	12/1/2001	11/30/2008	3		0		3.52	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDE	12/1/2001	11/30/2008	3		0		3.63	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDD	12/1/2001	11/30/2008	3		0		6.40	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/2001	11/30/2008	3		0		0.30	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	3		0		0.17	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	7		0		0.09	LD	NC	☐	NC		

Segment New in 2010? No

SEGID 2437 Texas City Ship Channel

AUID 2437_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	90		2	3.9	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	90		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	42		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	42		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	13		0		45.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	13		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	15		0		92.70	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	13		0		564.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	15		0		118.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	12		0		13.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	11		0		149.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	13		0		133.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	15	2.88			13.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	13	0.72			10.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	15	5.22			84.20	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	13	0.32			136.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	12	1.60			3.60	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	11	15.65			78.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	13	0.82			5.30	AD	FS	☐	FS		

AUID 2437_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	11		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	11		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	11		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	10		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	11		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	11		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	11		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	11		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	11		0		51.60	AD	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	Enterococcus	12/1/2001	11/30/2008	52		2	344	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	52	13.77			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	104		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	90		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	90		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	80		10	0.3	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	81		12	0.91	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	47		18	0.22	0.10	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	81		20	0.83	0.21	AD	CS	☐	CS	total phosphorus	

AUID **2437_01** Entire segment

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	28		11	20.39	11.60	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	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	15	7.27			2,216.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	13	0.82			16.90	AD	FS	☐	FS		

Segment New in 2010? No

SEGID 2438 Bayport Channel

AUID 2438_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	46		3	3.09	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	46		2	2.68	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	20		0		118.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	20		0		92.70	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	20		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	18		0		564.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	14		0		13.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	19		0		133.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	20		0		45.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	19		0		149.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	19	0.73			5.30	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	19	20.82			78.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	20	3.73			84.20	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	20	3.35			13.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	14	2.60			3.60	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	20	1.36			10.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	18	0.38			136.00	AD	FS	☐	FS		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	7		0		2,647.00	LD	NC	☐	NC		
Toxic Substances in sediment	Benzene	12/1/2001	11/30/2008	6		0		45,010.00	LD	NC	☐	NC		

AUID 2438_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	1,2-Dichloroethane	12/1/2001	11/30/2008	6		0		25,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chlorobenzene	12/1/2001	11/30/2008	6		0		19,870.00	LD	NC	☐	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/1/2001	11/30/2008	6		0		37,330.00	LD	NC	☐	NC		
Toxic Substances in sediment	Ethylbenzene	12/1/2001	11/30/2008	6		0		3,930.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acetone	12/1/2001	11/30/2008	4		0		##########	LD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	8		0		4.77	LD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	7		0		0.99	LD	NC	☐	NC		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/1/2001	11/30/2008	4		0		272,060.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	7		0		1,950.00	LD	NC	☐	NC		
Toxic Substances in sediment	Bromoform	12/1/2001	11/30/2008	6		0		10,670.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	13		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	7		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Methylene chloride	12/1/2001	11/30/2008	6		0		22,910.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	7		0		161,060.00	LD	NC	☐	NC		
Toxic Substances in sediment	Styrene	12/1/2001	11/30/2008	4		0		22,310.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/1/2001	11/30/2008	6		0		3,690.00	LD	NC	☐	NC		
Toxic Substances in sediment	Toluene	12/1/2001	11/30/2008	6		0		5,660.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	7		0		2,320.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/1/2001	11/30/2008	6		0		15,830.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/1/2001	11/30/2008	6		0		1,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	Xylene	12/1/2001	11/30/2008	6		0		7,470.00	LD	NC	☐	NC		

AUID 2438_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	8		0		374.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chloroform	12/1/2001	11/30/2008	6		0		25.80	LD	NC	☐	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/1/2001	11/30/2008	4		0		670.00	LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	7		0		1,500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Tetrachloroethene	12/1/2001	11/30/2008	6		0		18,590.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	7		0		2,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	Trichloroethene	12/1/2001	11/30/2008	6		0		8,820.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	7		0		4,210.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	7		0		500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	7		0		640.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acrylonitrile	12/1/2001	11/30/2008	6		0		1,040.00	LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	7		0		1,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	13		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	7		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	13		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	8		0		4.79	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	13		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	13		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	13		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	13		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	7		0		2,600.00	LD	NC	☐	NC		

AUID 2438_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	PCBs	12/1/2001	11/30/2008	7		0		180.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chloromethane	12/1/2001	11/30/2008	6		0		52,430.00	LD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	7		0		2,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	8		0		7.81	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	13		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	7		0		13,770.00	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	7		0		12.76	LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	7		0		540.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	7		0		5,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	8		0		4.30	LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	7		0		260.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	13		0		51.60	AD	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	Enterococcus	12/1/2001	11/30/2008	36		1	145	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	36	13.03			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	48		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	48		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	48		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	40		32	31.86	11.60	AD	CS	☐	CS	chlorophyll-a	

AUID **2438_01** Entire segment

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	38		38	0.91	0.21	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	40		20	0.4	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	39		32	1.07	0.19	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	40		13	0.17	0.10	AD	CS	☐	CS	ammonia	

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	20	2.04			2,216.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	19	0.73			16.90	AD	FS	☐	FS		
Bioaccumulative Toxics in fish tissue	Heptachlor epoxide	12/1/2001	11/30/2008	1		0		0.17	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	PCBs	12/1/2001	11/30/2008	7		0		0.09	LD	NC	☐	NC		
Bioaccumulative Toxics in fish tissue	Dieldrin	12/1/2001	11/30/2008	1		0		0.04	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDD	12/1/2001	11/30/2008	1		0		6.40	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	Chlordane	12/1/2001	11/30/2008	1		0		0.30	ID	NA	☐	NA		
Bioaccumulative Toxics in fish tissue	DDE	12/1/2001	11/30/2008	1		0		3.63	ID	NA	☐	NA		

Segment New in 2010? No

SEGID 2439 Lower Galveston Bay

AUID 2439_01 Area adjacent to the Texas City Ship Channel and Moses 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	61		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	61		0		3.00	AD	FS	☐	FS		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		374.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	7		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		2,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	7		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	7		0		51.60	LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		2,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	7		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	1		0		2,647.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		1,950.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		0.99	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	1		0		2,320.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	7		0		218.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	1		0		161,060.00	ID	NA	☐	NA		

AUID 2439_01 Area adjacent to the Texas City Ship Channel and Moses Lake

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		640.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		500.00	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	Arsenic	12/1/2001	11/30/2008	7		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	7		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		4.79	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	7		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	7		0		270.00	LD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		260.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		4.30	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		5,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,210.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		540.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1		0		12.76	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		2,800.00	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	Enterococcus	12/1/2001	11/30/2008	53		0		89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	53	10.47			35.00	AD	FS	☐	FS		

AUID **2439_01** Area adjacent to the Texas City Ship Channel and Moses Lake

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	337		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	61		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	61		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	60		8	0.34	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	60		1	0.27	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	48		5	0.16	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	60		7	0.29	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	52		18	17.33	11.60	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	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a

AUID 2439_02 Main portion of the bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	321		1	3.85	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	321		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	2		0		13.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	2		0		133.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	2		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	2		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	2		0		2.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	2	1.17			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	2	0.38			84.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	2	0.04			5.30	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2	0.03			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2	2.55			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	2	1.88			13.10	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	4		0		4.30	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	36		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	4		0		2,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	34		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	36		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	4		0		1,500.00	LD	NC	☐	NC		

AUID 2439_02 Main portion of the bay

USE Aquatic Life Use

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	Pyrene	12/1/2001	11/30/2008	4		0		2,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	36		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	3		0		2,647.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	4		0		1,950.00	LD	NC	☐	NC		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	4		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	4		0		0.99	LD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	4		0		4.77	LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	4		0		161,060.00	LD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	4		0		374.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	36		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	4		0		2,320.00	LD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	4		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	4		0		500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	4		0		640.00	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	4		0		13,770.00	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	36		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	36		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	4		0		4.79	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	36		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	4		0		12.76	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	36		0		270.00	AD	NC	☐	NC		

AUID 2439_02 Main portion of the bay

USE Aquatic Life Use

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	DDD	12/1/2001	11/30/2008	4		0		7.81	LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	4		0		260.00	LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	4		0		1,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	4		0		540.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	4		0		5,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	4		0		4,210.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	4		0		2,800.00	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	Enterococcus	12/1/2001	11/30/2008	289		3	571	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	289	10.87			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	503		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	323		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	323		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	276		98	19.56	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	315		38	0.34	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	317		5	0.23	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	266		13	0.16	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	316		32	0.27	0.21	AD	NC	☐	NC		

AUID 2439_02 Main portion of the bay

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	PCBs in edible tissue	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/1/2001	11/30/2008						OE	NS	☐	NS	dioxin in edible tissue	5a
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	2	2.50			2,216.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	2	0.04			16.90	ID	NA	☐	NA		

Segment New in 2010? Yes

SEGID2439OW Lower Galveston Bay (Oyster Waters)

AUID 2439OW_0 Area adjacent to the Texas City Ship Channel and Moses Lake

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	4a

AUID 2439OW_0 Main portion of the bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? Yes

SEGID 2439TC Texas City Dike (Recreational Beaches)

AUID 2439TC_01 Texas City Dike (Beach ID TX164090)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008			28			OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2441 East Matagorda Bay

AUID 2441_01 Caney Creek am and western shoreline area

USE Recreation Use

Method	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	27		0		400.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	27	9.98			200.00	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	10		0		35.00	AD	FS	☐	FS		

AUID 2441_02 Remainder of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	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		4.00	AD	FS	☐	FS		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	2		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	1		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	1		0		161,060.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		2,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	2		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	2		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		2,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	2		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		374.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		1,950.00	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	DDT	12/1/2001	11/30/2008	1		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	1		0		2,320.00	ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	1		0		2,647.00	ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		0.99	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,210.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1		0		12.76	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		

AUID 2441_02 Remainder of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		640.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	2		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	2		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	2		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		2,800.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	2		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		260.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		4.30	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		5,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		540.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		4.79	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	249		9	1406.67	400.00	SM	FS	☐	FS		
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	22		0		89.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	249	4.56			200.00	SM	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	22	10.00			35.00	AD	FS	☐	FS		

AUID 2441_02 Remainder of segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	115		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	25		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	25		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	26		1	0.98	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	25		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	25		1	0.18	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	26		3	0.26	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	25		3	15.93	11.60	AD	NC	☐	NC		

Segment New in 2010? Yes

SEGID 2441A Live Oak Bayou (unclassified water body

AUID 2441A_01 From the East Matagorda Bay confluence upstream to a point 58.4 km (36.3 mi) upstream (north of Hwy 457)

USE Recreation Use

Method	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	27		3	1246.67	400.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	27	28.01			200.00	AD	FS	☐	FS		

Segment New in 2010? Yes

SEGID2441OW East Matagorda Bay (Oyster Waters)

AUID 2441OW_0 Caney Creek arm and western shoreline area

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

AUID 2441OW_0 Remainder of bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? Yes

SEGID2442OW Cedar Lakes (Oyster Waters)

AUID 2442OW_0 Entire segment

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

Segment New in 2010? No

SEGID 2451 Matagorda Bay/Powderhorn Lake

AUID 2451_01 Northern end of Matagorda Bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	52		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	52		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	9		0		5.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	9		0		4.00	LD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	1		0		2,647.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	3		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		2,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	4		0		51.60	LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		2,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	4		0		218.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	4		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		5,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		1,950.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	1		0		161,060.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	1		0		2,320.00	ID	NA	☐	NA		
Toxic Substances in sediment	2-Methylnaphthalene	12/1/2001	11/30/2008	1		0		670.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	4		0		3.70	LD	NC	☐	NC		

AUID 2451_01 Northern end of Matagorda Bay

USE Aquatic Life Use

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	Hexachloroethane	12/1/2001	11/30/2008	1		0		13,770.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		540.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		260.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	4		0		270.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		2,800.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	4		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	4		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	4		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		640.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		500.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,210.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1		0		12.76	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	Enterococcus	12/1/2001	11/30/2008	30		0		89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	30	11.29			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	52		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	52		1	9.27	9.00	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

AUID **2451_01** Northern end of Matagorda Bay

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Low pH	pH	12/1/2001	11/30/2008	52		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	31		1	0.19	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	32		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	32		3	0.14	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	32		0		0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	31		9	20.07	11.60	AD	CS	☐	CS	chlorophyll-a	

AUID 2451_02 Remainder of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	113		1	4.83	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	113		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	3		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	3		0		4.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	3		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	2		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		2,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	1		0		2,320.00	ID	NA	☐	NA		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	3		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	3		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	1		0		2,647.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		1,950.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	1		0		0.99	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	Nitrobenzene	12/1/2001	11/30/2008	1		0		161,060.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	3		1	57.2	51.60	ID	NA	☐	NA		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	1		0		374.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	1		0		4.77	ID	NA	☐	NA		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	1		0		4.79	ID	NA	☐	NA		

AUID 2451_02 Remainder of segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		2,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,210.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		640.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	3		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1		0		12.76	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	3		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	3		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		2,800.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	3		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	1		0		7.81	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		260.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	1		0		4.30	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		5,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		540.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,600.00	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	Enterococcus	12/1/2001	11/30/2008	67		6	213.7	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	67	16.10			35.00	AD	FS	☐	FS		

AUID 2451_02 Remainder of segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	346		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	113		1	9.13	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	113		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	72		1	0.33	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	73		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	74		4	0.13	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	74		2	0.3	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	70		10	15.43	11.60	AD	NC	☐	NC		

Segment New in 2010? No

SEGID 2451A Coloma Creek (unclassified water body)

AUID 2451A_01 From the Powderhorn Lake confluence to the headwaters near SH 238

USE Recreation Use

Method	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	26		2	1260	400.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	26	29.01			200.00	AD	FS	☐	FS		

Segment New in 2010? Yes

SEGID2451OW Matagorda Bay/Powderhorn Lake (Oyster Waters)

AUID 2451OW_0 Northern end of Matagorda Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

AUID 2451OW_0 Remainder of Matagorda Bay/Powderhorn Lake

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2452 Tres Palacios Bay/Turtle Bay

AUID 2452_01 Main portion of bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	56		3	4.39	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	56		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	23		1	3.7	5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	23		2	2.93	4.00	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	12/1/2001	11/30/2008	586		28	1163.93	400.00	SM	FS	☐	FS		
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	11		0		89.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	586	7.22			200.00	SM	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	11	18.05			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	268		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	56		2	9.37	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	56		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	30		0		0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	30		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	30		0		0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	11		0		0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	29		2	12.3	11.60	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

AUID **2452_02** Turtle Bay

USE **Recreation Use**

Method	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	104		7	1102.86	400.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	104	9.15			200.00	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	38		0		35.00	AD	FS	☐	FS		

AUID 2452_03 Tres Palacios 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	46		3	4.18	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	46		1	2.8	4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	12		1	4.69	5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	12		2	3.73	4.00	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	12/1/2001	11/30/2008	155		15	1174	400.00	SM	FS	☐	FS		
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	15		0		89.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	155	18.15			200.00	SM	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	15	13.20			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	103		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	46		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	46		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	27		11	0.37	0.21	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	36		11	20.01	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	37		6	0.14	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	34		2	0.24	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	37		5	0.76	0.17	AD	NC	☐	NC		

Segment New in 2010? No

SEGID 2452A Tres Palacios Harbor (unclassified water body)

AUID 2452A_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	59		2	3.68	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	59		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	17		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	17		3	2.53	3.00	AD	CN	☐	CN	depressed dissolved oxygen	
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	3		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	4		0		2.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	3		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	3		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	4		0		149.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	3		0		133.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	3		0		13.50	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	4	1.28			78.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	3	0.03			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	3	2.66			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	3	0.03			5.30	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	3	1.03			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	3	10.23			84.20	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	1		0		0.71	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	2		0		410.00	ID	NA	☐	NA		

AUID 2452A_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	2		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	2		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	2		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	2		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	2		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	2		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	2		0		3.70	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	Enterococcus	12/1/2001	11/30/2008	25		4	195.45	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	25	21.42			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	32		5	0.59	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	31		13	22.18	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	27		2	0.25	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	32		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	32		12	0.18	0.10	AD	CS	☐	CS	ammonia	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	4	2.50			2,216.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	3	0.03			16.90	ID	NA	☐	NA		

Segment New in 2010? Yes

SEGID2452OW Tres Palacios Bay/Turtle Bay (Oyster Waters)

AUID 2452OW_0 Turtle Bay and Tres Palacios Creek Arm

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

AUID 2452OW_0 Main portion of bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

Segment New in 2010? No

SEGID 2453 Lavaca Bay/Chocolate Bay

AUID 2453_01 Center portion of bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	221		2	4.76	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	221		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	41		1	4.78	5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	41		1	3.79	4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/1/2001	11/30/2008	20		0		2.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	12/1/2001	11/30/2008	20	0.01			1.10	AD	FS	☐	FS		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	2		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	2		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	2		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	2		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	2		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	2		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	2		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	2		0		3.70	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	Enterococcus	12/1/2001	11/30/2008	49		2	189.5	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	49	19.54			35.00	AD	FS	☐	FS		

AUID **2453_01** Center portion of bay

USE **General Use**

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	420		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	224		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	224		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	74		1	0.2	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	79		20	16.85	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	72		4	0.35	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	76		4	0.27	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	58		2	0.27	0.21	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	Mercury	12/1/2001	11/30/2008	20	0.01			0.03	AD	FS	☐	FS		

AUID 2453_02 North-northeastern portion of the bay near Point Comfort

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	147		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	147		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	20		1	4.87	5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	20		0		4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	9		0		564.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	12		0		92.70	AD	FS	☐	FS		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/1/2001	11/30/2008	10		0		0.16	AD	FS	☐	FS		
Acute Toxic Substances in water	Toxaphene	12/1/2001	11/30/2008	10		0		0.21	AD	FS	☐	FS		
Acute Toxic Substances in water	DDT	12/1/2001	11/30/2008	10		0		0.13	AD	FS	☐	FS		
Acute Toxic Substances in water	Endosulfan 1 (alpha)	12/1/2001	11/30/2008	10		0		0.03	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	11		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Endosulfan 2 (beta)	12/1/2001	11/30/2008	10		0		0.03	AD	FS	☐	FS		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	9		0		15.10	LD	NC	☐	NC		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2001	11/30/2008	10		0		259.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Carbaryl (Sevin)	12/1/2001	11/30/2008	6		0		613.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Phenanthrene	12/1/2001	11/30/2008	10		0		7.70	AD	FS	☐	FS		
Acute Toxic Substances in water	Endosulfan sulfate	12/1/2001	11/30/2008	10		0		0.03	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	11		0		45.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Chloropyrifos (Dursban)	12/1/2001	11/30/2008	10		0		0.01	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	12		0		118.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	11		0		149.00	AD	FS	☐	FS		

AUID 2453_02 North-northeastern portion of the bay near Point Comfort

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Chlordane	12/1/2001	11/30/2008	10		0		0.09	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	9		0		13.50	LD	NC	☐	NC		
Acute Toxic Substances in water	Dieldrin	12/1/2001	11/30/2008	10		0		0.71	AD	FS	☐	FS		
Acute Toxic Substances in water	Endrin	12/1/2001	11/30/2008	10		0		0.04	AD	FS	☐	FS		
Acute Toxic Substances in water	Heptachlor	12/1/2001	11/30/2008	10		0		0.05	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	11		0		133.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/1/2001	11/30/2008	10		0		2.10	AD	FS	☐	FS		
Acute Toxic Substances in water	Aldrin	12/1/2001	11/30/2008	10		0		1.30	AD	FS	☐	FS		
Chronic Toxic Substances in water	Methoxychlor	12/1/2001	11/30/2008	10	0.02			0.03	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	9	0.15			136.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Mirex	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	12	2.55			13.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Phenanthrene	12/1/2001	11/30/2008	10	2.30			4.60	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	12	1.73			84.20	AD	FS	☐	FS		
Chronic Toxic Substances in water	DDT	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Endosulfan 1 (alpha)	12/1/2001	11/30/2008	10	0.00			0.01	AD	FS	☐	FS		
Chronic Toxic Substances in water	Endosulfan 2 (beta)	12/1/2001	11/30/2008	10	0.00			0.01	AD	FS	☐	FS		
Chronic Toxic Substances in water	Endosulfan sulfate	12/1/2001	11/30/2008	10	0.00			0.01	AD	FS	☐	FS		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2001	11/30/2008	10	2.72			12.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	9	3.09			9.60	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	11	1.43			10.00	AD	FS	☐	FS		

AUID 2453_02 North-northeastern portion of the bay near Point Comfort

USE Aquatic Life Use

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	Mercury	12/1/2001	11/30/2008	10	0.01			1.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	11	15.34			78.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chlordane	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chloropyrifos (Dursban)	12/1/2001	11/30/2008	10	0.00			0.01	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	9	1.55			3.60	LD	NC	☐	NC		
Chronic Toxic Substances in water	Demeton	12/1/2001	11/30/2008	9	0.05			0.10	LD	NC	☐	NC		
Chronic Toxic Substances in water	Malathion	12/1/2001	11/30/2008	10	0.01			0.01	AD	FS	☐	FS		
Chronic Toxic Substances in water	Endrin	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Toxaphene	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Guthion	12/1/2001	11/30/2008	9	0.01			0.01	LD	NC	☐	NC		
Chronic Toxic Substances in water	Heptachlor	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	11	0.91			5.30	AD	FS	☐	FS		
Chronic Toxic Substances in water	Dieldrin	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		
Toxic Substances in sediment	1,2-Dichloroethane	12/1/2001	11/30/2008	10		0		25,800.00	AD	NC	☐	NC		
Toxic Substances in sediment	Chlorobenzene	12/1/2001	11/30/2008	10		0		19,870.00	AD	NC	☐	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/1/2001	11/30/2008	10		0		37,330.00	AD	NC	☐	NC		
Toxic Substances in sediment	Benzene	12/1/2001	11/30/2008	10		0		45,010.00	AD	NC	☐	NC		
Toxic Substances in sediment	Acetone	12/1/2001	11/30/2008	6		0		##########	LD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	8		0		4.77	LD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	8		0		0.99	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	13		0		410.00	AD	NC	☐	NC		

AUID 2453_02 North-northeastern portion of the bay near Point Comfort

USE Aquatic Life Use

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	1,3-Dichlorobenzene	12/1/2001	11/30/2008	8		0		1,950.00	LD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	8		0		2,647.00	LD	NC	☐	NC		
Toxic Substances in sediment	Ethylbenzene	12/1/2001	11/30/2008	10		0		3,930.00	AD	NC	☐	NC		
Toxic Substances in sediment	Bromoform	12/1/2001	11/30/2008	10		0		10,670.00	AD	NC	☐	NC		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	8		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/1/2001	11/30/2008	6		0		272,060.00	LD	NC	☐	NC		
Toxic Substances in sediment	Methylene chloride	12/1/2001	11/30/2008	10		0		22,910.00	AD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	8		0		161,060.00	LD	NC	☐	NC		
Toxic Substances in sediment	Styrene	12/1/2001	11/30/2008	6		0		22,310.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/1/2001	11/30/2008	10		0		3,690.00	AD	NC	☐	NC		
Toxic Substances in sediment	Trichloroethene	12/1/2001	11/30/2008	10		0		8,820.00	AD	NC	☐	NC		
Toxic Substances in sediment	Toluene	12/1/2001	11/30/2008	10		0		5,660.00	AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	13		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	9		0		2,320.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/1/2001	11/30/2008	10		0		15,830.00	AD	NC	☐	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/1/2001	11/30/2008	10		0		1,800.00	AD	NC	☐	NC		
Toxic Substances in sediment	Xylene	12/1/2001	11/30/2008	10		0		7,470.00	AD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	7		0		374.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chloroform	12/1/2001	11/30/2008	10		0		25.80	AD	NC	☐	NC		
Toxic Substances in sediment	Tetrachloroethene	12/1/2001	11/30/2008	10		0		18,590.00	AD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	8		0		7.81	LD	NC	☐	NC		

AUID 2453_02 North-northeastern portion of the bay near Point Comfort

USE Aquatic Life Use

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	12/1/2001	11/30/2008	8		0		4,210.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	8		0		500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	8		0		640.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acrylonitrile	12/1/2001	11/30/2008	10		0		1,040.00	AD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	8		0		1,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	13		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	8		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	13		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	8		0		4.79	LD	NC	☐	NC		
Toxic Substances in sediment	Chloromethane	12/1/2001	11/30/2008	10		0		52,430.00	AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	13		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	8		0		2,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	13		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	13		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	8		0		260.00	LD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	8		0		4.30	LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	8		0		5,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	8		0		540.00	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	8		0		12.76	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	7		0		13,770.00	LD	NC	☐	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/1/2001	11/30/2008	4		0		670.00	LD	NC	☐	NC		

AUID 2453_02 North-northeastern portion of the bay near Point Comfort

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	10		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	13		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	PCBs	12/1/2001	11/30/2008	8		0		180.00	LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	8		0		1,500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	8		0		2,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	8		0		2,800.00	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	Enterococcus	12/1/2001	11/30/2008	26		1	981	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	26	18.53			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	317		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	148		1	9.23	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	148		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	44		20	16.38	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	40		8	0.65	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	52		1	0.43	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	47		1	0.21	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	50		7	0.33	0.17	AD	NC	☐	NC		

AUID 2453_02 North-northeastern portion of the bay near Point Comfort

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Hexachlorophene	12/1/2001	11/30/2008	9	0.02			0.04	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2001	11/30/2008	6	2.50			277.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2001	11/30/2008	6	2.50			5.60	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2001	11/30/2008	6	2.50			920.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2001	11/30/2008	6	2.50			49.30	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2001	11/30/2008	6	1.95			3.90	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2001	11/30/2008	9	2.56			156.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2001	11/30/2008	6	2.50			215.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2001	11/30/2008	6	2.50			8,391.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2001	11/30/2008	10	2.72			712.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	DDE	12/1/2001	11/30/2008	10	0.00			0.01	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2001	11/30/2008	6	2.50			861.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2,4,5-Tetrachlorobenzene	12/1/2001	11/30/2008	10	0.08			0.16	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/1/2001	11/30/2008	10	0.07			0.14	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cresols	12/1/2001	11/30/2008	9	5.11			8,744.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	9	3.09			90.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2001	11/30/2008	6	10.00			##########	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitrosodiethylamine	12/1/2001	11/30/2008	10	2.56			5.12	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2001	11/30/2008	10	2.56			8.98	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2001	11/30/2008	10	2.23			4.45	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Silvex	12/1/2001	11/30/2008	10	0.26			33.60	AD	FS	☐	FS		

AUID 2453_02 North-northeastern portion of the bay near Point Comfort

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Pyridine	12/1/2001	11/30/2008	8	2.56			8,889.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dibromoethane	12/1/2001	11/30/2008	6	0.11			0.22	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2001	11/30/2008	10	0.27			0.54	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Acrylonitrile	12/1/2001	11/30/2008	6	3.65			7.30	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzene	12/1/2001	11/30/2008	6	2.50			70.80	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/1/2001	11/30/2008	10	0.27			0.54	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	DDT	12/1/2001	11/30/2008	10	0.00			0.01	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlordane	12/1/2001	11/30/2008	10	0.01			0.02	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	12	2.13			2,216.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2001	11/30/2008	10	2.56			5.40	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	DDD	12/1/2001	11/30/2008	10	0.00			0.01	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Endrin	12/1/2001	11/30/2008	10	0.05			0.89	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2001	11/30/2008	10	0.05			0.72	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	9	0.01			0.01	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	9	1.20			2.40	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2001	11/30/2008	9	2.56			185.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	11	0.91			16.90	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/1/2001	11/30/2008	10	0.01			0.03	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2001	11/30/2008	10	0.05			1.48	AD	FS	☐	FS		

AUID 2453_02 North-northeastern portion of the bay near Point Comfort

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2001	11/30/2008	6	2.50			408.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2001	11/30/2008	10	0.05			1.34	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Toxaphene	12/1/2001	11/30/2008	10	0.00			0.01	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzidine	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		

AUID 2453_03 Chocolate Bay area

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	19		1	4.97	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	19		0		4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Mercury	12/1/2001	11/30/2008	10		0		2.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Mercury	12/1/2001	11/30/2008	10	0.00			1.10	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	100		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	20		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	20		0		6.50	AD	FS	☐	FS		

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Mercury	12/1/2001	11/30/2008	10	0.00			0.03	AD	FS	☐	FS		

Segment New in 2010? No

SEGID 2453A Garcitas Creek Tidal (unclassified water body)

AUID 2453A_01 From the Lavaca Bay confluence to a point 13.7 km (8.5 mi) upstream of FM 616

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	36		2	3.22	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	36		1	2.67	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	12		3	3.06	4.00	AD	NS	☐	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	12		2	0.83	3.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	36		5	32.36	21.00	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	36		0		0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	33		0		1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	36		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	27		0		0.46	AD	NC	☐	NC		

Segment New in 2010? No

SEGID 2453B Lynns Bayou Basin (unclassified water body)

AUID 2453B_01 From the Lavaca Bay confluence to immediately south of SH 238 in Port Lavaca

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	5		0		4.00	TR	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	5		0		3.00	TR	NA	☐	NA		

Segment New in 2010? No

SEGID 2453C Arenosa Creek (unclassified water body)

AUID 2453C_01 From Garcitas Creek confluence upstream to J-2 Ranch Road

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2000	11/30/2008	32		3	1.696	3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2000	11/30/2008	32		2	1.44	2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2000	11/30/2008	2		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2000	11/30/2008	0		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2000	11/30/2008	2		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2000	11/30/2008	2		0		564.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2000	11/30/2008	2		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2000	11/30/2008	2		0		13.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2000	11/30/2008	2		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2000	11/30/2008	2		0		133.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2000	11/30/2008	2	1.90			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2000	11/30/2008	2	0.05			5.30	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2000	11/30/2008	2	0.78			84.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2000	11/30/2008	2	1.19			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2000	11/30/2008	2	2.58			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2000	11/30/2008	2	0.08			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2000	11/30/2008	2	0.42			136.00	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	12/1/2000	11/30/2008	32		10	1511.3	394.00	AD	CN	☐	PI	bacteria	

AUID **2453C_01** From Garcitas Creek confluence upstream to J-2 Ranch Road

USE **Recreation Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/1/2000	11/30/2008	32	197.60			126.00	AD	NS	☐	NS	bacteria	5b

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2000	11/30/2008	32		4	53.55	14.10	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2000	11/30/2008	32		1	3	1.95	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2000	11/30/2008	15		2	1.47	0.33	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2000	11/30/2008	32		1	1.11	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	12/1/2000	11/30/2008	2	2.22			2,216.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2000	11/30/2008	2	0.05			16.90	ID	NA	☐	NA		

Segment New in 2010? No

SEGID 2453D Lavaca Bay Ship Channel Area (unclassified water body)

AUID 2453D_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	76		4	2.8	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	76		2	2.06	3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	15		2	3.7	4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	15		6	2.21	3.00	AD	NS	☐	NS	depressed dissolved oxygen	5c
Acute Toxic Substances in water	Mercury	12/1/2001	11/30/2008	30		0		2.10	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	11		0		118.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	9		0		2.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	11		0		92.70	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	10		0		133.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	8		0		564.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	9		0		13.50	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	10		0		45.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	10		0		149.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	10	1.61			5.30	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	8	0.13			136.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Mercury	12/1/2001	11/30/2008	30	0.01			1.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	11	1.70			84.20	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	9	1.52			3.60	LD	NC	☐	NC		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	10	0.70			10.00	AD	FS	☐	FS		

AUID **2453D_01** Entire segment

USE **Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	10	17.09			78.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	11	2.50			13.10	AD	FS	☐	FS		
Toxic Substances in sediment	Benzene	12/1/2001	11/30/2008	9		0		45,010.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/1/2001	11/30/2008	9		0		25,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	Ethylbenzene	12/1/2001	11/30/2008	9		0		3,930.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chlorobenzene	12/1/2001	11/30/2008	9		0		19,870.00	LD	NC	☐	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/1/2001	11/30/2008	9		0		37,330.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acetone	12/1/2001	11/30/2008	5		0		##########	LD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	7		0		4.77	LD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	7		0		0.99	LD	NC	☐	NC		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/1/2001	11/30/2008	5		0		272,060.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	8		0		1,950.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	7		0		2,320.00	LD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	7		0		2,647.00	LD	NC	☐	NC		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	7		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Methylene chloride	12/1/2001	11/30/2008	9		0		22,910.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	7		0		161,060.00	LD	NC	☐	NC		
Toxic Substances in sediment	Styrene	12/1/2001	11/30/2008	5		0		22,310.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/1/2001	11/30/2008	9		0		3,690.00	LD	NC	☐	NC		
Toxic Substances in sediment	Tetrachloroethene	12/1/2001	11/30/2008	9		0		18,590.00	LD	NC	☐	NC		
Toxic Substances in sediment	Bromoform	12/1/2001	11/30/2008	9		0		10,670.00	LD	NC	☐	NC		

AUID 2453D_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	7		0		4.30	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/1/2001	11/30/2008	9		0		15,830.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/1/2001	11/30/2008	9		0		1,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	Xylene	12/1/2001	11/30/2008	9		0		7,470.00	LD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	7		0		374.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chloroform	12/1/2001	11/30/2008	9		0		25.80	LD	NC	☐	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/1/2001	11/30/2008	3		0		670.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	12		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Toluene	12/1/2001	11/30/2008	9		0		5,660.00	LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	7		0		260.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	7		0		500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	7		0		640.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acrylonitrile	12/1/2001	11/30/2008	9		0		1,040.00	LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	7		0		1,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	12		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	7		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	12		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	7		0		4.79	LD	NC	☐	NC		
Toxic Substances in sediment	Chloromethane	12/1/2001	11/30/2008	9		0		52,430.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	12		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	7		0		2,800.00	LD	NC	☐	NC		

AUID 2453D_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Trichloroethene	12/1/2001	11/30/2008	9		0		8,820.00	LD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	7		0		7.81	LD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	8		0		4,210.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	7		0		540.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	7		0		5,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	6		0		12.76	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	7		0		13,770.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	12		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	10		0		0.71	AD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	7		0		2,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	12		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	PCBs	12/1/2001	11/30/2008	7		0		180.00	LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	7		0		1,500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	7		0		2,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	12		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	12		0		270.00	AD	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	Enterococcus	12/1/2001	11/30/2008	23		1	104	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	23	13.69			35.00	AD	FS	☐	FS		

AUID **2453D_01** Entire segment

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	27		3	0.33	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	29		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	29		3	0.13	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	28		0		0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	27		3	25.77	11.60	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	Aquatic Life Closure	12/1/2001	11/30/2008						OE	NS	☐	NS	mercury in edible tissue	4b
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	11	2.14			2,216.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	10	1.61			16.90	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Mercury	12/1/2001	11/30/2008	30	0.01			0.03	AD	FS	☐	FS		

Segment New in 2010? Yes

SEGID2453OW Lavaca Bay/Chocolate Bay (Oyster Waters)

AUID 2453OW_0 Center portion of bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

AUID 2453OW_0 North-northeastern portion of the bay near Point Comfort

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

AUID 2453OW_0 Chocolate Bay area

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

Segment New in 2010? No

SEGID 2454 Cox Bay

AUID 2454_02 Remainder of Cox Bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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		4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	9		0		149.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	11		0		45.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	10		0		13.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	11		0		133.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	12		0		118.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	9		0		564.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	12		0		92.70	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	10		0		2.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	11	0.64			10.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	9	0.14			136.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	12	1.90			84.20	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	12	2.79			13.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	9	15.29			78.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	10	1.47			3.60	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	11	1.20			5.30	AD	FS	☐	FS		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	7		0		4.77	LD	NC	☐	NC		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/1/2001	11/30/2008	4		0		272,060.00	LD	NC	☐	NC		

AUID 2454_02 Remainder of Cox Bay

USE Aquatic Life Use

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	Ethylbenzene	12/1/2001	11/30/2008	8		0		3,930.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/1/2001	11/30/2008	8		0		25,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chlorobenzene	12/1/2001	11/30/2008	8		0		19,870.00	LD	NC	☐	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/1/2001	11/30/2008	8		0		37,330.00	LD	NC	☐	NC		
Toxic Substances in sediment	Trichloroethene	12/1/2001	11/30/2008	8		0		8,820.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acetone	12/1/2001	11/30/2008	4		0		##########	LD	NC	☐	NC		
Toxic Substances in sediment	Styrene	12/1/2001	11/30/2008	4		0		22,310.00	LD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	7		0		0.99	LD	NC	☐	NC		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	7		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	7		0		2,647.00	LD	NC	☐	NC		
Toxic Substances in sediment	Benzene	12/1/2001	11/30/2008	8		0		45,010.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	7		0		161,060.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	14		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/1/2001	11/30/2008	8		0		3,690.00	LD	NC	☐	NC		
Toxic Substances in sediment	Tetrachloroethene	12/1/2001	11/30/2008	8		0		18,590.00	LD	NC	☐	NC		
Toxic Substances in sediment	Toluene	12/1/2001	11/30/2008	8		0		5,660.00	LD	NC	☐	NC		
Toxic Substances in sediment	Bromoform	12/1/2001	11/30/2008	8		0		10,670.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	7		0		2,320.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/1/2001	11/30/2008	8		0		15,830.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/1/2001	11/30/2008	8		0		1,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	Xylene	12/1/2001	11/30/2008	8		0		7,470.00	LD	NC	☐	NC		

AUID 2454_02 Remainder of Cox Bay

USE Aquatic Life Use

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	DDE	12/1/2001	11/30/2008	7		0		374.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chloroform	12/1/2001	11/30/2008	8		0		25.80	LD	NC	☐	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/1/2001	11/30/2008	3		0		670.00	ID	NA	☐	NA		
Toxic Substances in sediment	Methylene chloride	12/1/2001	11/30/2008	8		0		22,910.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	7		0		2,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	8		0		4,210.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	7		0		500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	7		0		640.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acrylonitrile	12/1/2001	11/30/2008	8		0		1,040.00	LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	7		0		1,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	14		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	7		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	14		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	7		0		4.79	LD	NC	☐	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	8		0		1,950.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	14		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	14		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	14		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	7		0		7.81	LD	NC	☐	NC		
Toxic Substances in sediment	PCBs	12/1/2001	11/30/2008	7		0		180.00	LD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	7		0		2,600.00	LD	NC	☐	NC		

AUID 2454_02 Remainder of Cox Bay

USE Aquatic Life Use

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	Chloromethane	12/1/2001	11/30/2008	8		0		52,430.00	LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	7		0		1,500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	7		0		260.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	14		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	7		0		2,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	12		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	14		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	7		0		13,770.00	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	6		0		12.76	LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	7		0		540.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	7		0		5,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	7		0		4.30	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	Enterococcus	12/1/2001	11/30/2008	23		1	205	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	23	15.58			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	74		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	34		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	34		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	27		9	20.97	11.60	AD	CS	☐	CS	chlorophyll-a	

AUID **2454_02** Remainder of Cox Bay

USE **General Use**

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	29		2	0.26	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	28		3	0.32	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	29		2	0.15	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	29		1	0.22	0.19	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	12	2.13			2,216.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	11	1.20			16.90	AD	FS	☐	FS		

Segment New in 2010? No

SEGID 2454A Cox Lake (unclassified water body)

AUID 2454A_01 From the Cox Lake dam located 4.0 km (2.5 mi) southeast of Point Comfort to the Calhoun/Jackson County line

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	27		2	4.8	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		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	E. coli	12/1/2001	11/30/2008	10		0		394.00	AD	FS	☐	FS		
Bacteria Geomean	E. coli	12/1/2001	11/30/2008	10	36.98			126.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	27		1	61.4	26.70	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	26		21	0.3	0.20	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	28		2	0.17	0.11	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	27		10	1.48	0.37	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	28		24	0.2	0.05	AD	CS	☐	CS	orthophosphorus	

Segment New in 2010? Yes

SEGID2454OW Cox Bay (Oyster Waters)

AUID 2454OW_0 North end of bay near Cox Creek

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

AUID 2454OW_0 Remainder of Cox Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2455 Keller Bay

AUID 2455_02 Remainder of Keller Bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	29		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	29		0		4.00	AD	FS	☐	FS		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	1		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	1		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	1		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	1		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	1		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	1		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	1		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	1		0		9.60	ID	NA	☐	NA		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	24		2	111.6	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	24	13.39			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	70		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	30		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	30		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	28		0		0.19	AD	NC	☐	NC		

AUID 2455_02 Remainder of Keller Bay

USE General Use

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	28		6	18.65	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	29		1	0.37	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	29		0		0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	29		2	0.2	0.10	AD	NC	☐	NC		

Segment New in 2010? Yes

SEGID2455OW Keller Bay (Oyster Waters)

AUID 2455OW_0 Upper arm

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

AUID 2455OW_0 Remainder of Keller Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2456 Carancahua Bay

AUID 2456_01 Lower half of bay

USE Recreation Use

Method	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	112		0		400.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	112	4.09			200.00	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	44		0		35.00	AD	FS	☐	FS		

AUID 2456_02 Upper half of bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	62		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	62		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	14		0		5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	14		1	3.92	4.00	AD	FS	☐	FS		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	2		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	2		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	2		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	2		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	2		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	2		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	2		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	2		0		370.00	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	Enterococcus	12/1/2001	11/30/2008	21		9	1963	89.00	AD	NS	☐	NS	bacteria	5c
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	21	126.95			35.00	AD	NS	☐	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	95		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	61		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	61		2	6.45	6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	37		9	0.28	0.19	AD	NC	☐	NC		

AUID 2456_02 Upper half of bay

USE General Use

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		3	0.28	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	37		27	0.36	0.21	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	37		25	34.45	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	38		12	0.7	0.17	AD	CS	☐	CS	nitrate	

Segment New in 2010? No

SEGID 2456A West Carancahua Creek Tidal (unclassified water body)

AUID 2456A_01 From the Carancahua Bay confluence to Jackson CR 440, 10.1 km (6.3 mi) upstream of FM 616 in Jackson County

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	22		12	2.95	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	22		5	2.2	3.00	AD	NS	☐	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	4		2	1.79	4.00	LD	NS	☐	NS	depressed dissolved oxygen	5c
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	4		2	0.75	3.00	LD	NS	☐	NS	depressed dissolved oxygen	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	22		2	1.63	1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	19		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	22		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	22		0		0.66	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	22		5	31.14	21.00	AD	NC	☐	NC		

Segment New in 2010? Yes

SEGID2456OW Carancahua Bay (Oyster Waters)

AUID 2456OW_0 Lower portion of bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

AUID 2456OW_0 Upper portion of bay and shoreline area

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2461 Espiritu Santo Bay

AUID 2461_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	51		2	4.33	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	51		0		4.00	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	Enterococcus	12/1/2001	11/30/2008	47		3	193.67	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	47	13.32			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	103		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	51		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	51		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	50		0		0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	50		3	0.41	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	49		4	22.3	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	49		1	0.6	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	50		2	0.15	0.10	AD	NC	☐	NC		

Segment New in 2010? Yes

SEGID2461OW Espiritu Santo Bay (Oyster Waters)

AUID 2461OW_0 Entire segment

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

Segment New in 2010? No

SEGID 2462 San Antonio Bay/Hynes Bay/Guadalupe Bay

AUID 2462_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	57		2	4.7	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	57		0		4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	1		0		13.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	1		0		133.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	1		0		2.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1	1.15			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1	0.03			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1	0.25			84.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	1	1.24			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1	3.41			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	1	0.03			5.30	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	5		0		218.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	5		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	5		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	3		0		410.00	ID	NA	☐	NA		

AUID 2462_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	5		0		270.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	5		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	5		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	5		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	5		0		51.60	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	Enterococcus	12/1/2001	11/30/2008	57		2	705	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	57	10.90			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	201		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	56		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	56		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	56		17	0.68	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	39		1	0.3	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	56		5	0.18	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	56		13	0.27	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	53		14	23.43	11.60	AD	CS	☐	CS	chlorophyll-a	

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	1	0.03			16.90	ID	NA	☐	NA		

AUID 2462_01 Entire segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	1	2.50			2,216.00	ID	NA	☐	NA		

Segment New in 2010? Yes

SEGID2462OW San Antonio Bay/Hynes Bay/Guadalupe Bay (Oyster Waters)

AUID 2462OW_0 Guadalupe Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

AUID 2462OW_0 Hynes Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

AUID 2462OW_0 San Antonio Bay shoreline area

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NA	☐	NA		

AUID 2462OW_0 Remainder of San Antonio Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2463 Mesquite Bay/Carlos Bay/Ayres Bay

AUID 2463_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	28		1	4.45	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	28		0		4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	1		0		564.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	1		0		13.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	1		0		133.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1	2.99			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1	0.01			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	1	0.87			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	1	0.01			5.30	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1	1.04			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	1	0.18			136.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1	0.10			84.20	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	5		0		270.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	5		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	5		0		3.70	LD	NC	☐	NC		

AUID 2463_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	5		0		51.60	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	5		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	5		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	5		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	5		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	5		0		218.00	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	Enterococcus	12/1/2001	11/30/2008	29		0		89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	29	8.03			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	55		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	28		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	28		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	26		5	0.56	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	28		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	27		2	0.12	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	27		2	0.29	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	28		6	21.45	11.60	AD	NC	☐	NC		

AUID **2463_01** Entire segment

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	1	0.01			16.90	ID	NA	☐	NA		

Segment New in 2010? **Yes**

SEGID2463OW Mesquite Bay/Carlos Bay/Ayres Bay (Oyster Waters)

AUID **2463OW_0** Western shoreline

USE **Oyster Waters Use**

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NA	☐	NA		

AUID **2463OW_0** Remainder of Mesquite Bay

USE **Oyster Waters Use**

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2471 Aransas Bay

AUID 2471_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	58		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	58		0		4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	4		0		149.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	4		0		45.40	LD	NC	☐	NC		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	4		0		13.50	LD	NC	☐	NC		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	4		0		133.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	4		0		118.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	3		0		564.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	4		0		92.70	LD	NC	☐	NC		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	1		0		2.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	4	0.53			3.60	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	4	0.14			84.20	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	3	0.07			136.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	4	0.01			10.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	4	1.56			78.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	4	0.58			13.10	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	4	0.03			5.30	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	14		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	14		0		410.00	AD	NC	☐	NC		

AUID 2471_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	14		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	14		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	14		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	14		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	14		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	14		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	11		0		410.00	AD	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	Enterococcus	12/1/2001	11/30/2008	52		0		89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	52	7.14			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	138		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	56		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	56		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	54		3	0.8	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	56		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	56		2	0.14	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	56		0		0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	56		2	14.8	11.60	AD	NC	☐	NC		

AUID 2471_01 Entire segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	4	0.03			16.90	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	1	2.50			2,216.00	ID	NA	☐	NA		

Segment New in 2010? Yes

SEGID 2471A Little Bay (unclassified water body)

AUID 2471A_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	17		1	3.7	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	17		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	13		0		89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	13	12.56			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	17		15	25.44	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	18		1	0.26	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	18		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	18		1	0.12	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	18		0		0.21	AD	NC	☐	NC		

Segment New in 2010? Yes

SEGID2471OW Aransas Bay (Oyster Waters)

AUID 2471OW_0 Western shoreline

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NA	☐	NA		

AUID 2471OW_0 Remainder of bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? Yes

SEGID 2471RB Rockport (Recreational Beaches)

AUID 2471RB_01 Rockport Beach Park (Beach ID TX748844)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008	223		57	25.6		JQ	CN	☐	CN	bacteria	

Segment New in 2010? No

SEGID 2472 Copano Bay/Port Bay/Mission Bay

AUID 2472_02 Copano Bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	128		7	4.68	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	128		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	10		0		5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	10		0		4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	2		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	2		0		564.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	2		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	2		0		13.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	2		0		133.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	2	0.99			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2	0.01			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	2	0.10			84.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	2	0.19			136.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	2	1.05			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2	4.84			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	2	0.03			5.30	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	6		0		218.00	LD	NC	☐	NC		

AUID 2472_02 Copano Bay

USE Aquatic Life Use

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	Zinc	12/1/2001	11/30/2008	6		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	6		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	6		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	6		0		270.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	6		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	6		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	6		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	6		0		51.60	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	Enterococcus	12/1/2001	11/30/2008	128		8	398.13	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	128	9.79			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	237		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	128		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	128		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	124		6	0.29	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	63		1	0.33	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	128		5	0.15	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	126		5	0.33	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	117		20	22.08	11.60	AD	NC	☐	NC		

AUID 2472_02 Copano Bay

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	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	2	0.03			16.90	ID	NA	☐	NA		

Segment New in 2010? Yes

SEGID2472OW Copano Bay/Port Bay/Mission Bay (Oyster Waters)

AUID 2472OW_0 Mission Bay, Aransas River arm, Port Bay, and eastern shoreline

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

AUID 2472OW_0 Copano Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2473 St. Charles Bay

AUID 2473_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	28		6	3.85	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	28		3	3.19	4.00	AD	FS	☐	FS		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	3		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	3		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	3		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	3		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	3		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	3		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	3		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	3		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	3		0		218.00	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	Enterococcus	12/1/2001	11/30/2008	31		7	1091.43	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	31	21.65			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	44		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	28		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	28		0		6.50	AD	FS	☐	FS		

AUID 2473_01 Entire segment

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	25		2	14	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	28		0		0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	7		0		0.19	LD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	28		2	0.26	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	28		1	0.35	0.21	AD	NC	☐	NC		

Segment New in 2010? **Yes**

SEGID2473OW St. Charles Bay (Oyster Waters)

AUID 2473OW_0 Remainder of Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

AUID 2473OW_0 Southwest corner of St Charles Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NA	☐	NA		

Segment New in 2010? No

SEGID 2481 Corpus Christi Bay

AUID 2481_01

From the Corpus Christi Ship Channel east to Pelican Island, from Pelican Island south to Demit Island including the La Quinta Channel and the Corpus Christi Ship Channel adjacent to Redfish Bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	101		3	3.53	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	101		2	3.3	4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	14		1	206	149.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	14		0		45.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	13		0		27.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	13		0		133.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	14		0		118.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	10		0		564.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	14		0		185.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	13		0		2.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	13	1.16			5.30	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	14	1.59			168.40	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	14	2.07			13.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	14	1.45			10.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	14	29.75			78.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	13	1.97			7.20	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	10	0.13			136.00	AD	FS	☐	FS		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	7		0		4.77	LD	NC	☐	NC		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/1/2001	11/30/2008	4		0		272,060.00	LD	NC	☐	NC		

AUID **2481_01** From the Corpus Christi Ship Channel east to Pelican Island, from Pelican Island south to Demit Island including the La Quinta Channel and the Corpus Christi Ship Channel adjacent to Redfish Bay

USE **Aquatic Life Use**

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	Ethylbenzene	12/1/2001	11/30/2008	7		0		3,930.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/1/2001	11/30/2008	7		0		25,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chlorobenzene	12/1/2001	11/30/2008	7		0		19,870.00	LD	NC	☐	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/1/2001	11/30/2008	7		0		37,330.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acetone	12/1/2001	11/30/2008	4		0		##########	LD	NC	☐	NC		
Toxic Substances in sediment	Styrene	12/1/2001	11/30/2008	4		0		22,310.00	LD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	8		0		0.99	LD	NC	☐	NC		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	9		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	8		0		1,950.00	LD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	9		0		2,647.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	18		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Benzene	12/1/2001	11/30/2008	7		0		45,010.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	9		0		161,060.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/1/2001	11/30/2008	7		0		3,690.00	LD	NC	☐	NC		
Toxic Substances in sediment	Tetrachloroethene	12/1/2001	11/30/2008	7		0		18,590.00	LD	NC	☐	NC		
Toxic Substances in sediment	Toluene	12/1/2001	11/30/2008	7		0		5,660.00	LD	NC	☐	NC		
Toxic Substances in sediment	Bromoform	12/1/2001	11/30/2008	7		0		10,670.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	8		0		2,320.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/1/2001	11/30/2008	7		0		15,830.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/1/2001	11/30/2008	7		0		1,800.00	LD	NC	☐	NC		

AUID **2481_01** From the Corpus Christi Ship Channel east to Pelican Island, from Pelican Island south to Demit Island including the La Quinta Channel and the Corpus Christi Ship Channel adjacent to Redfish Bay

USE **Aquatic Life Use**

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	Xylene	12/1/2001	11/30/2008	7		0		7,470.00	LD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	8		0		374.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chloroform	12/1/2001	11/30/2008	7		0		25.80	LD	NC	☐	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/1/2001	11/30/2008	6		0		670.00	LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	9		0		1,500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Methylene chloride	12/1/2001	11/30/2008	7		0		22,910.00	LD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	7		0		7.81	LD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	7		0		4,210.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	9		0		500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	9		0		640.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acrylonitrile	12/1/2001	11/30/2008	7		0		1,040.00	LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	9		0		1,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	18		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	9		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	18		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	8		0		4.79	LD	NC	☐	NC		
Toxic Substances in sediment	Chloromethane	12/1/2001	11/30/2008	7		0		52,430.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	18		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Trichloroethene	12/1/2001	11/30/2008	7		0		8,820.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	18		0		270.00	AD	NC	☐	NC		

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AUID **2481_01** From the Corpus Christi Ship Channel east to Pelican Island, from Pelican Island south to Demit Island including the La Quinta Channel and the Corpus Christi Ship Channel adjacent to Redfish Bay

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	18		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	9		0		2,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	18		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	PCBs	12/1/2001	11/30/2008	8		0		180.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	18		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	9		0		2,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	14		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	8		0		13,770.00	LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	9		0		12.76	LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	9		0		540.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	9		0		5,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	8		0		4.30	LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	9		0		260.00	LD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	9		0		2,100.00	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	Enterococcus	12/1/2001	11/30/2008	90		5	377.06	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	90	12.24			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	156		0		35.00	AD	FS	☐	FS		

AUID **2481_01** From the Corpus Christi Ship Channel east to Pelican Island, from Pelican Island south to Demit Island including the La Quinta Channel and the Corpus Christi Ship Channel adjacent to Redfish Bay

USE General Use

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	101		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	101		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	95		6	15.93	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	97		3	0.64	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	103		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	100		5	0.18	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	102		1	0.26	0.21	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	13	2.19			2,216.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	13	1.16			16.90	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

AUID **2481_02** From the Corpus Christi Ship Channel east to Pelican Island, from Pelican Island south to Demit Island including the area from the Corpus Christi Ship Channel to Demit Island (Oso Bay and City of Corpus Christi area)

USE **Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	28		1	4.5	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	28		0		4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	3		0		27.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	3		0		185.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	2		0		564.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	1		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	3		0		133.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	3		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	3		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	3		0		118.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	3	1.88			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	3	0.06			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	3	0.81			7.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	3	0.03			5.30	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	3	0.78			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	2	0.16			136.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	3	0.60			168.40	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	8		0		218.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	8		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	7		0		410.00	LD	NC	☐	NC		

AUID **2481_02** From the Corpus Christi Ship Channel east to Pelican Island, from Pelican Island south to Demit Island including the area from the Corpus Christi Ship Channel to Demit Island (Oso Bay and City of Corpus Christi area)

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	8		0		51.60	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	8		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	8		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	8		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	8		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	8		0		270.00	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	Enterococcus	12/1/2001	11/30/2008	28		3	1027	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	28	17.19			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	53		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	28		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	28		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	28		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	27		2	0.13	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	28		0		0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	26		1	15.5	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	26		0		0.17	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

AUID **2481_02** From the Corpus Christi Ship Channel east to Pelican Island, from Pelican Island south to Demit Island including the area from the Corpus Christi Ship Channel to Demit Island (Oso Bay and City of Corpus Christi area)

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	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	1	2.50			2,216.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	3	0.03			16.90	ID	NA	☐	NA		

AUID 2481_03 From Pelican Island south to Demit Island, from Demit Island to Mustang Island and the area along Mustang Island State Park to the Corpus Christi Ship Channel

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	29		2	4.86	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	29		0		4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	1		0		27.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	1		0		133.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1		0		185.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	1		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1		0		149.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1	1.47			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1	0.67			168.40	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1	0.87			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	1	0.03			5.30	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1	0.08			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	1	1.03			7.20	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	3		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	4		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	4		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	4		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	4		0		51.60	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	4		0		270.00	LD	NC	☐	NC		

AUID 2481_03 From Pelican Island south to Demit Island, from Demit Island to Mustang Island and the area along Mustang Island State Park to the Corpus Christi Ship Channel

USE Aquatic Life Use

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	4		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	4		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	4		0		218.00	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	Enterococcus	12/1/2001	11/30/2008	28		0		89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	28	9.29			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	40		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	29		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	29		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	26		1	14.3	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	27		1	0.86	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	27		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	26		0		0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	27		0		0.21	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	1	2.50			2,216.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	1	0.03			16.90	ID	NA	☐	NA		

AUID 2481_04 From the JFK Causeway to a line from Demit Island across to Mustang Island State Park

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	2		0		5.00	ID	NA	☐	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	2		0		4.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	3		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	3		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	3		0		27.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	3		0		133.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	3		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	3		0		564.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	3		0		185.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	2		0		2.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	3	0.46			7.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	3	0.16			136.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	3	0.31			168.40	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	3	0.03			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	3	1.54			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	3	0.64			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	3	0.03			5.30	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	2		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	2		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	2		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	2		0		270.00	ID	NA	☐	NA		

AUID 2481_04 From the JFK Causeway to a line from Demit Island across to Mustang Island State Park

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	2		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	2		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	2		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	2		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	2		0		410.00	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	Enterococcus	12/1/2001	11/30/2008	2		0		89.00	SM	NA	☐	NA		
Bacteria Single Sample	Fecal coliform	12/1/2001	11/30/2008	112		1	540	400.00	AD	FS	☐	FS		
Bacteria Geomean	Fecal coliform	12/1/2001	11/30/2008	112	3.20			200.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	2	20.25			35.00	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	28		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	2		0		9.00	ID	NA	☐	NA		
Low pH	pH	12/1/2001	11/30/2008	2		0		6.50	ID	NA	☐	NA		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	2		0		0.17	ID	NA	☐	NA		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	2		0		0.19	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	2		0		0.10	ID	NA	☐	NA		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	2		0		0.21	ID	NA	☐	NA		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	2		0		11.60	ID	NA	☐	NA		

AUID **2481_04** From the JFK Causeway to a line from Demit Island across to Mustang Island State Park

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	2	2.50			2,216.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	3	0.03			16.90	ID	NA	☐	NA		

Segment New in 2010? Yes

SEGID 2481CB Corpus Christi Bay (Recreational Beaches)

AUID 2481CB_01 Corpus Christi Marina (Beach ID TX305317)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008	171		31	18.1		OE	FS	☐	FS		

AUID 2481CB_02 Corpus Christi Beach - Main (Beach ID TX546628)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008	204		19	9.3		OE	FS	☐	FS		

AUID 2481CB_03 Cole Park (Beach ID TX259473)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008	340		166	48.8		OE	NS	☐	NS	bacteria	5a

AUID 2481CB_04 Ropes Park (Beach ID TX821303)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008	305		124	40.7		OE	NS	☐	NS	bacteria	5a

AUID 2481CB_05 McGee Beach (Beach ID TX536781)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008	227		49	21.6		OE	CN	☐	CN	bacteria	

AUID 2481CB_06 Poenisch Park (Beach ID TX682648)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008	239		56	23.4		OE	CN	☐	CN	bacteria	

AUID 2481CB_07 Emerald Beach (TX199413)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008	94		23	24.5		OE	CN	☐	CN	bacteria	

AUID 2481CB_08 University Beach (Beach ID TX495569)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008	211		28	13.3		OE	FS	☐	FS		

AUID 2481CB_09 Packery Channel Park (Beach ID TX227625)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008	166		6	3.6		OE	FS	☐	FS		

Segment New in 2010? Yes **SEGID2481OW Corpus Christi Bay (Oyster Waters)**

AUID 2481OW_0 Shoreline area

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NA	☐	NA		

AUID 2481OW_0 Remainder of Corpus Christi Bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? Yes

SEGID 2481UL Upper Laguna Madre (Recreational Beaches)

AUID 2481UL_02 JFK Causeway - SW (Beach ID TX442541)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008	211		28	13.3		OE	FS	☐	FS		

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Segment New in 2010? No

SEGID 2482 Nueces Bay

AUID 2482_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	139		0		5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	139		0		4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	12		0		133.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	11		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	67		0		92.70	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	13		0		118.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	10		0		13.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	13		0		45.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	10		0		149.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	11		0		564.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	10	12.62			78.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	13	1.45			10.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	10	1.36			3.60	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	12	0.71			5.30	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	13	1.81			13.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	11	0.22			136.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	67	1.58			84.20	AD	FS	☐	FS		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	5		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	49		0		410.00	AD	NC	☐	NC		

AUID 2482_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	9		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	9		0		51.60	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	9		0		270.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	9		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	9		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	9		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	9		0		218.00	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	Enterococcus	12/1/2001	11/30/2008	77		8	402.71	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	77	19.55			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	179		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	139		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	139		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	83		4	0.92	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	87		2	0.22	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	87		9	0.23	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	87		12	0.31	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	82		12	19.87	11.60	AD	NC	☐	NC		

AUID **2482_01** Entire segment

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	12	0.71			16.90	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	11	2.18			2,216.00	AD	FS	☐	FS		

Segment New in 2010? **Yes** **SEGID 2482NB Nueces Bay (Recreational Beaches)**

AUID **2482NB_01** Nueces Bay Causeway # 3 (Beach ID TX 139394)

USE **Recreational Beaches**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008	108		26	24.1		OE	CN	☐	CN	bacteria	

Segment New in 2010? **Yes** **SEGID2482OW Nueces Bay (Oyster Waters)**

AUID **2482OW_0** Entire segment

USE **Oyster Waters Use**

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	zinc in edible tissue	4a

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

Segment New in 2010? No

SEGID 2483 Redfish Bay

AUID 2483_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	44		1	4.97	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	44		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	10		0		5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	10		1	3.77	4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	1		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	2		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	1		0		564.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	2		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	2		0		13.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	2		0		133.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	2	0.47			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	1	0.05			136.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	2	0.18			84.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2	0.02			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2	1.44			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	2	0.58			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	2	0.02			5.30	ID	NA	☐	NA		

AUID 2483_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	5		0		270.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	5		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	5		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	5		0		51.60	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	5		0		218.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	5		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	5		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	5		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	3		0		410.00	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	Enterococcus	12/1/2001	11/30/2008	46		1	140	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	46	6.80			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	107		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	43		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	43		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	43		1	0.27	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	22		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	43		2	0.14	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	43		0		0.21	AD	NC	☐	NC		

AUID **2483_01** Entire segment

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	40		4	16.28	11.60	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	2	0.02			16.90	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	1	2.50			2,216.00	ID	NA	☐	NA		

Segment New in 2010? No

SEGID 2483A Conn Brown Harbor (unclassified water body)

AUID 2483A_01 From the Aransas Channel confluence southeast of Aransas Pass to a point 1.6 km (1 mi) northeast

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	29		1	3.83	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	29		0		3.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	4		0		4.00	LD	NC	☐	NC		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	4		0		3.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	4		0		92.70	LD	NC	☐	NC		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	3		2	68.55	13.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	4		0		133.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	4		0		118.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	4		0		2.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	4		0		564.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	4	5.32			136.00	LD	NC	☐	NC		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	4	5.50			84.20	LD	NC	☐	NC		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	4	6.90			13.10	LD	NC	☐	NC		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	4	0.90			5.30	LD	NC	☐	NC		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	3	46.30			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	2	0.75			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	2	21.20			78.00	ID	NA	☐	NA		

AUID 2483A_01 From the Aransas Channel confluence southeast of Aransas Pass to a point 1.6 km (1 mi) northeast

USE Recreation Use

Method	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	Enterococcus	12/1/2000	11/30/2008	11		0		89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2000	11/30/2008	11	3.45			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2000	11/30/2008	12		1	0.85	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2000	11/30/2008	3		0		0.19	ID	NA	☐	NA		
Nutrient Screening Levels	Ammonia	12/1/2000	11/30/2008	12		1	0.2	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2000	11/30/2008	12		1	0.32	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2000	11/30/2008	12		1	16.4	11.60	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	4	2.17			2,216.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	4	0.90			16.90	LD	NC	☐	NC		

Segment New in 2010? **Yes**

SEGID2483OW Redfish Bay (Oyster Waters)

AUID 2483OW_0 Entire segment

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

Segment New in 2010? Yes

SEGID 2483RB Redfish Bay (Recreational Beaches)

AUID 2483RB_01 Lighthouse Lake (Beach ID TX538780)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008			2			OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2484 Corpus Christi Inner Harbor

AUID 2484_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	112		0		3.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	112		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	10		0		15.10	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	19		0		219.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	56		0		92.70	AD	FS	☐	FS		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/1/2001	11/30/2008	11		0		0.16	AD	FS	☐	FS		
Acute Toxic Substances in water	Toxaphene	12/1/2001	11/30/2008	11		0		0.21	AD	FS	☐	FS		
Acute Toxic Substances in water	DDT	12/1/2001	11/30/2008	11		0		0.13	AD	FS	☐	FS		
Acute Toxic Substances in water	Endosulfan 1 (alpha)	12/1/2001	11/30/2008	11		0		0.03	AD	FS	☐	FS		
Acute Toxic Substances in water	Endosulfan sulfate	12/1/2001	11/30/2008	11		0		0.03	AD	FS	☐	FS		
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2001	11/30/2008	11		0		259.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	28		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	26		0		13.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Phenanthrene	12/1/2001	11/30/2008	11		0		7.70	AD	FS	☐	FS		
Acute Toxic Substances in water	Endosulfan 2 (beta)	12/1/2001	11/30/2008	11		0		0.03	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	25		0		149.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Endrin	12/1/2001	11/30/2008	10		0		0.04	AD	FS	☐	FS		
Acute Toxic Substances in water	Aldrin	12/1/2001	11/30/2008	11		0		1.30	AD	FS	☐	FS		
Acute Toxic Substances in water	PCBs	12/1/2001	11/30/2008	1		0		10.00	ID	NA	☐	NA		

AUID 2484_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	28		0		45.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Carbaryl (Sevin)	12/1/2001	11/30/2008	7		0		613.00	LD	NC	☐	NC		
Acute Toxic Substances in water	Chlordane	12/1/2001	11/30/2008	11		0		0.09	AD	FS	☐	FS		
Acute Toxic Substances in water	Dieldrin	12/1/2001	11/30/2008	11		0		0.71	AD	FS	☐	FS		
Acute Toxic Substances in water	Heptachlor	12/1/2001	11/30/2008	11		0		0.05	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	26		0		133.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	28		0		118.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Chloropyrifos (Dursban)	12/1/2001	11/30/2008	11		0		0.01	AD	FS	☐	FS		
Chronic Toxic Substances in water	Endosulfan sulfate	12/1/2001	11/30/2008	11	0.00			0.01	AD	FS	☐	FS		
Chronic Toxic Substances in water	PCBs	12/1/2001	11/30/2008	1	0.02			0.03	ID	NA	☐	NA		
Chronic Toxic Substances in water	Phenanthrene	12/1/2001	11/30/2008	11	2.30			4.60	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	19	1.61			5.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	56	4.39			84.20	AD	FS	☐	FS		
Chronic Toxic Substances in water	Toxaphene	12/1/2001	11/30/2008	11	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	DDT	12/1/2001	11/30/2008	11	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/1/2001	11/30/2008	11	2.75			12.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Endosulfan 2 (beta)	12/1/2001	11/30/2008	11	0.00			0.01	AD	FS	☐	FS		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	10	2.80			9.60	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	28	2.40			13.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	28	1.97			10.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Endosulfan 1 (alpha)	12/1/2001	11/30/2008	11	0.00			0.01	AD	FS	☐	FS		

AUID 2484_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Chronic Toxic Substances in water	Demeton	12/1/2001	11/30/2008	10	0.05			0.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Mirex	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chloropyrifos (Dursban)	12/1/2001	11/30/2008	11	0.00			0.01	AD	FS	☐	FS		
Chronic Toxic Substances in water	Chlordane	12/1/2001	11/30/2008	11	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	26	1.36			3.60	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	25	19.20			78.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Dieldrin	12/1/2001	11/30/2008	11	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Endrin	12/1/2001	11/30/2008	10	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Guthion	12/1/2001	11/30/2008	10	0.01			0.01	AD	FS	☐	FS		
Chronic Toxic Substances in water	Heptachlor	12/1/2001	11/30/2008	11	0.00			0.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	26	2.51			5.30	AD	FS	☐	FS		
Chronic Toxic Substances in water	Malathion	12/1/2001	11/30/2008	11	0.01			0.01	AD	FS	☐	FS		
Chronic Toxic Substances in water	Methoxychlor	12/1/2001	11/30/2008	11	0.02			0.03	AD	FS	☐	FS		
Toxic Substances in sediment	Acetone	12/1/2001	11/30/2008	4		0		##########	LD	NC	☐	NC		
Toxic Substances in sediment	Chlorobenzene	12/1/2001	11/30/2008	6		0		19,870.00	LD	NC	☐	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/1/2001	11/30/2008	6		0		37,330.00	LD	NC	☐	NC		
Toxic Substances in sediment	Benzene	12/1/2001	11/30/2008	6		0		45,010.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/1/2001	11/30/2008	6		0		25,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/1/2001	11/30/2008	6		0		4.77	LD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/1/2001	11/30/2008	6		0		0.99	LD	NC	☐	NC		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	6		0		1,600.00	LD	NC	☐	NC		

AUID 2484_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Ethylbenzene	12/1/2001	11/30/2008	6		0		3,930.00	LD	NC	☐	NC		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	6		0		2,647.00	LD	NC	☐	NC		
Toxic Substances in sediment	Bromoform	12/1/2001	11/30/2008	6		0		10,670.00	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	42		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	6		0		1,950.00	LD	NC	☐	NC		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/1/2001	11/30/2008	4		0		272,060.00	LD	NC	☐	NC		
Toxic Substances in sediment	Methylene chloride	12/1/2001	11/30/2008	6		0		22,910.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	6		0		161,060.00	LD	NC	☐	NC		
Toxic Substances in sediment	Styrene	12/1/2001	11/30/2008	4		0		22,310.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/1/2001	11/30/2008	6		0		3,690.00	LD	NC	☐	NC		
Toxic Substances in sediment	Toluene	12/1/2001	11/30/2008	6		0		5,660.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	6		0		2,320.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/1/2001	11/30/2008	6		0		15,830.00	LD	NC	☐	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/1/2001	11/30/2008	6		0		1,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	Xylene	12/1/2001	11/30/2008	6		0		7,470.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chloroform	12/1/2001	11/30/2008	6		0		25.80	LD	NC	☐	NC		
Toxic Substances in sediment	DDE	12/1/2001	11/30/2008	6		0		374.00	LD	NC	☐	NC		
Toxic Substances in sediment	Trichloroethene	12/1/2001	11/30/2008	6		0		8,820.00	LD	NC	☐	NC		
Toxic Substances in sediment	Tetrachloroethene	12/1/2001	11/30/2008	6		0		18,590.00	LD	NC	☐	NC		
Toxic Substances in sediment	DDD	12/1/2001	11/30/2008	6		0		7.81	LD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	6		0		4,210.00	LD	NC	☐	NC		

AUID 2484_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	6		0		500.00	LD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	14		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	6		0		640.00	LD	NC	☐	NC		
Toxic Substances in sediment	Acrylonitrile	12/1/2001	11/30/2008	6		0		1,040.00	LD	NC	☐	NC		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	6		0		1,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	14		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	6		0		1,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	14		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Chlordane	12/1/2001	11/30/2008	6		0		4.79	LD	NC	☐	NC		
Toxic Substances in sediment	Chloromethane	12/1/2001	11/30/2008	6		0		52,430.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	14		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/1/2001	11/30/2008	3		0		670.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	14		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	14		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	6		0		2,600.00	LD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	6		0		1,500.00	LD	NC	☐	NC		
Toxic Substances in sediment	PCBs	12/1/2001	11/30/2008	6		0		180.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	14		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	6		0		2,800.00	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	10		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/1/2001	11/30/2008	6		0		13,770.00	LD	NC	☐	NC		

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USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	6		0		12.76	LD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	6		0		540.00	LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	6		0		5,100.00	LD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/1/2001	11/30/2008	6		0		4.30	LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	6		0		260.00	LD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	6		0		2,100.00	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	Enterococcus	12/1/2001	11/30/2008	72		9	120.29	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	72	20.13			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	112		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	112		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	112		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	81		37	0.51	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	85		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	82		29	0.18	0.10	AD	CS	☐	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	81		3	0.26	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	82		19	24.91	11.60	AD	NC	☐	NC		

AUID 2484_01 Entire segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/1/2001	11/30/2008	11	2.75			712.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Tetrachloroethene	12/1/2001	11/30/2008	8	2.50			215.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/1/2001	11/30/2008	11	2.56			156.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	1,1-Dichloroethylene	12/1/2001	11/30/2008	8	1.95			3.90	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dichloroethane	12/1/2001	11/30/2008	8	2.50			49.30	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Chlorobenzene	12/1/2001	11/30/2008	8	2.50			920.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,1,1-Trichloroethane	12/1/2001	11/30/2008	8	2.50			8,391.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzene	12/1/2001	11/30/2008	8	2.50			70.80	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2,4,5-Tetrachlorobenzene	12/1/2001	11/30/2008	11	0.08			0.16	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/1/2001	11/30/2008	10	2.80			90.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Carbon tetrachloride	12/1/2001	11/30/2008	8	2.50			5.60	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Vinyl chloride	12/1/2001	11/30/2008	8	2.50			277.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	DDE	12/1/2001	11/30/2008	11	0.00			0.01	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chloroform	12/1/2001	11/30/2008	8	2.50			861.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	1,2-Dibromoethane	12/1/2001	11/30/2008	8	0.11			0.22	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Hexachlorophene	12/1/2001	11/30/2008	10	0.02			0.04	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Methyl ethyl ketone	12/1/2001	11/30/2008	8	10.00			##########	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	N-Nitrosodiethylamine	12/1/2001	11/30/2008	11	2.56			5.12	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/1/2001	11/30/2008	11	2.56			8.98	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/1/2001	11/30/2008	11	2.23			4.45	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Silvex	12/1/2001	11/30/2008	11	0.26			33.60	AD	FS	☐	FS		

AUID 2484_01 Entire segment

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/1/2001	11/30/2008	11	0.07			0.14	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Pyridine	12/1/2001	11/30/2008	10	2.55			8,889.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Aldrin	12/1/2001	11/30/2008	11	0.00			0.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	DDT	12/1/2001	11/30/2008	11	0.00			0.01	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Cresols	12/1/2001	11/30/2008	10	5.10			8,744.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Acrylonitrile	12/1/2001	11/30/2008	8	3.65			7.30	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Benzidine	12/1/2001	11/30/2008	11	0.00			0.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/1/2001	11/30/2008	11	0.27			0.54	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/1/2001	11/30/2008	10	0.27			0.54	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chlordane	12/1/2001	11/30/2008	11	0.01			0.02	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	29	4.85			2,216.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Chrysene	12/1/2001	11/30/2008	11	2.56			5.40	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	DDD	12/1/2001	11/30/2008	11	0.00			0.01	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Dieldrin	12/1/2001	11/30/2008	11	0.00			0.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Methoxychlor	12/1/2001	11/30/2008	11	0.06			1.48	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/1/2001	11/30/2008	11	0.03			1.34	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Trichloroethene	12/1/2001	11/30/2008	8	2.50			408.00	LD	NC	☐	NC		
HH Bioaccumulative Toxics in water	Endrin	12/1/2001	11/30/2008	10	0.05			0.89	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	PCBs	12/1/2001	11/30/2008	1	0.00			0.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	26	2.51			16.90	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/1/2001	11/30/2008	11	2.56			185.00	AD	FS	☐	FS		

AUID **2484_01** Entire segment

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	10	1.20			2.40	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/1/2001	11/30/2008	10	0.01			0.01	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/1/2001	11/30/2008	11	0.05			0.72	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Heptachlor	12/1/2001	11/30/2008	11	0.00			0.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Toxaphene	12/1/2001	11/30/2008	11	0.00			0.01	AD	FS	☐	FS		

Segment New in 2010? No

SEGID 2485 Oso Bay

AUID 2485_01 Upper bay (Holly Road to County Hwy 24)

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	25		0		5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	25		1	3.56	4.00	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		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	21		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	21		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	16		8	23.63	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	16		3	0.69	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	16		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	16		2	0.13	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	16		4	0.4	0.21	AD	NC	☐	NC		

AUID 2485_02 Middle bay (State Park Road 22 to Holly Road)

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	77		11	4.05	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	77		5	3.32	4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	25		2	4.94	5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	25		7	3.57	4.00	AD	NS	☐	NS	depressed dissolved oxygen	5b
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	1		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	1		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	1		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	1		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	1		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	1		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	1		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	1		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	1		0		270.00	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	Enterococcus	12/1/2001	11/30/2008	57		9	166.33	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	57	12.54			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	77		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	77		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	77		0		6.50	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

AUID **2485_02** Middle bay (State Park Road 22 to Holly Road)

USE **General Use**

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	44		6	1.34	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	41		28	27.4	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	44		13	0.34	0.21	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	23		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	44		6	0.21	0.10	AD	NC	☐	NC		

AUID 2485_03 Lower portion of bay (Ocean Drive to State Park Road 22)

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	98		5	4.66	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	98		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	49		0		5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	49		4	3.77	4.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	1		0		133.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	1		0		564.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	1		0		13.50	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	1	0.11			5.30	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1	0.25			84.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1	0.80			13.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	1	0.61			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1	0.02			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1	2.67			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	1	0.05			136.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	2		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	2		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	2		0		3.70	ID	NA	☐	NA		

AUID 2485_03 Lower portion of bay (Ocean Drive to State Park Road 22)

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	2		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	2		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	2		0		218.00	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	2		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	2		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	2		0		270.00	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	Enterococcus	12/1/2001	11/30/2008	57		19	327.16	89.00	AD	NS	☐	NS	bacteria	4a
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	57	30.79			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	98		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	98		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	98		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	32		6	0.13	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	32		8	0.38	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	32		2	0.28	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	32		18	22.3	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	32		0		0.19	AD	NC	☐	NC		

AUID 2485_03 Lower portion of bay (Ocean Drive to State Park Road 22)

USE Fish Consumption Use

Method	Parameter	ASMT Start Date	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	1	0.11			16.90	ID	NA	☐	NA		

Segment New in 2010? No

SEGID 2485A Oso Creek (unclassified water body)

AUID 2485A_01 From the Oso Bay confluence in southern Corpus Christi to a point 4.8 km (3 mi) upstream of SH 44, west of Corpus Christi

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	244		31	3.02	4.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	244		14	2.54	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	Enterococcus	12/1/2001	11/30/2008	244		182	1298.24	89.00	AD	NS	☐	NS	bacteria	5a
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	244	248.12			35.00	AD	NS	☐	NS	bacteria	5a

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	32		28	12.52	1.10	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	7		7	2.07	0.46	LD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	32		2	2.08	0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	32		28	2	0.66	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	29		15	61.34	21.00	AD	CS	☐	CS	chlorophyll-a	

Segment New in 2010? Yes

SEGID 2485B Unnamed trib of Oso Creek (unclassified water body)

AUID 2485B_01 From the Oso Creek confluence upstream to a point 5.2 km (3.2 mi) west of State Hwy 286

USE General Use

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	10		4	0.56	0.46	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	10		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	10		1	1.37	1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	10		4	0.93	0.66	AD	CS	☐	CS	total phosphorus	

Segment New in 2010? Yes

SEGID 2485D West Oso Creek (unclassified water body)

AUID 2485D_01 From the Oso Creek confluence upstream to a point 0.49 km (0.3 mi) west of FM 1694

USE General Use

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	11		3	2.5	1.10	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	11		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	11		0		0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	11		5	0.97	0.66	AD	CS	☐	CS	total phosphorus	

Segment New in 2010? Yes

SEGID2485OW Oso Bay (Oyster Waters)

AUID 2485OW_0 Entire bay

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

Segment New in 2010? No

SEGID 2491 Laguna Madre

AUID 2491_01 Upper portion of bay north of the Arroyo Colorado confluence

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	260		14	4.42	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	260		0		4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	98		1	4.65	5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	98		16	3.2	4.00	AD	NS	☐	NS	depressed dissolved oxygen	5b
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	34		0		149.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	34		0		564.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	32		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	34		0		92.70	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	34		0		133.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	34		0		13.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	34		0		45.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	34		0		118.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	34	0.62			13.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	34	0.15			136.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	34	0.06			5.30	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	34	0.46			3.60	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	34	0.01			10.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	34	1.19			78.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	34	0.18			84.20	AD	FS	☐	FS		

AUID 2491_01 Upper portion of bay north of the Arroyo Colorado confluence

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	2-Methylnaphthalene	12/1/2001	11/30/2008	1		0		670.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		2,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	17		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	19		0		218.00	AD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		2,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	19		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/1/2001	11/30/2008	1		0		1,500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	19		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	19		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		1,950.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	1		0		2,320.00	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	Nitrobenzene	12/1/2001	11/30/2008	1		0		161,060.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	19		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,210.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		640.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	1		0		2,647.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		

AUID 2491_01 Upper portion of bay north of the Arroyo Colorado confluence

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1		0		12.76	ID	NA	☐	NA		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	19		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		2,800.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	19		0		270.00	AD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		260.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		5,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		540.00	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	19		0		70.00	AD	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	Enterococcus	12/1/2001	11/30/2008	159		14	650.22	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	159	16.07			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	274		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	262		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	262		1	4.2	6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	217		3	1.23	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	218		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	219		5	0.17	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	221		4	0.24	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	219		88	24.66	11.60	AD	CS	☐	CS	chlorophyll-a	

AUID **2491_01** Upper portion of bay north of the Arroyo Colorado confluence

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	32	2.50			2,216.00	AD	FS	☐	FS		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	34	0.06			16.90	AD	FS	☐	FS		

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AUID **2491_02** Area adjacent to the Arroyo Colorado confluence

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	45		6	3.78	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	45		2	2.18	4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	24		2	4.59	5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	24		6	2.83	4.00	AD	NS	☐	NS	depressed dissolved oxygen	5b

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	23		9	748.86	89.00	AD	NS	☐	NS	bacteria	5c
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	23	44.57			35.00	AD	NS	☐	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	50		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	46		1	9.6	9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	46		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	42		22	31.18	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	43		8	0.27	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	42		14	0.9	0.17	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	42		2	0.24	0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	43		8	0.16	0.10	AD	NC	☐	NC		

AUID 2491_03 Lower portion of bay south of the Arroyo Colorado confluence

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	65		7	4.18	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	65		1	1.2	4.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/1/2001	11/30/2008	22		0		5.00	AD	FS	☐	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/1/2001	11/30/2008	22		1	3.74	4.00	AD	FS	☐	FS		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/1/2001	11/30/2008	1		0		2,320.00	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	Phenanthrene	12/1/2001	11/30/2008	1		0		1,500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Pyrene	12/1/2001	11/30/2008	1		0		2,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Bis(2-ethyl-hexyl)phthalate	12/1/2001	11/30/2008	1		0		2,647.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/1/2001	11/30/2008	1		0		1,950.00	ID	NA	☐	NA		
Toxic Substances in sediment	Nitrobenzene	12/1/2001	11/30/2008	1		0		161,060.00	ID	NA	☐	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/1/2001	11/30/2008	1		0		12.76	ID	NA	☐	NA		
Toxic Substances in sediment	2-Methylnaphthalene	12/1/2001	11/30/2008	1		0		670.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benz(a)anthracene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthene	12/1/2001	11/30/2008	1		0		500.00	ID	NA	☐	NA		
Toxic Substances in sediment	Naphthalene	12/1/2001	11/30/2008	1		0		2,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/1/2001	11/30/2008	1		0		4,210.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluorene	12/1/2001	11/30/2008	1		0		540.00	ID	NA	☐	NA		
Toxic Substances in sediment	Acenaphthylene	12/1/2001	11/30/2008	1		0		640.00	ID	NA	☐	NA		
Toxic Substances in sediment	Anthracene	12/1/2001	11/30/2008	1		0		1,100.00	ID	NA	☐	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/1/2001	11/30/2008	1		0		1,600.00	ID	NA	☐	NA		

AUID **2491_03** Lower portion of bay south of the Arroyo Colorado confluence

USE **Aquatic Life Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Chrysene	12/1/2001	11/30/2008	1		0		2,800.00	ID	NA	☐	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/1/2001	11/30/2008	1		0		260.00	ID	NA	☐	NA		
Toxic Substances in sediment	Fluoranthene	12/1/2001	11/30/2008	1		0		5,100.00	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	Enterococcus	12/1/2001	11/30/2008	40		6	256.67	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	40	15.69			35.00	AD	FS	☐	FS		

USE **General Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	125		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	68		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	68		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	60		1	12.5	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	61		0		0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	61		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	61		2	0.76	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	61		0		0.10	AD	NC	☐	NC		

Segment New in 2010? Yes

SEGID2491OW Laguna Madre (Oyster Waters)

AUID 2491OW_0 Upper portion of the bay north of Port Mansfield Channel

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NA	☐	NA		

AUID 2491OW_0 Area adjacent to the Arroyo Colorado confluence

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NS	☐	NS	bacteria (oyster waters)	5a

AUID 2491OW_0 Lower portion of the bay south of the Port Mansfield Channel

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

AUID 2491OW_0 ICWW from Port Mansfield to Brownsville and shoreline area

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NA	☐	NA		

Segment New in 2010? Yes

SEGID 2491UL Upper Laguna Madre (Recreational Beaches)

AUID 2491UL_02 Laguna Shores (Beach ID TX937228)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008			33			OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2492 Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada

AUID 2492_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	82		1	1.65	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	82		1	1.65	3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	39		0		133.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	38		0		2.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	42		0		92.70	AD	FS	☐	FS		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	42		0		118.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	40		0		13.50	AD	FS	☐	FS		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	41		0		45.40	AD	FS	☐	FS		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	39		0		149.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	40		0		564.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	39	6.70			78.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	41	0.53			10.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	40	1.62			3.60	AD	FS	☐	FS		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	39	0.25			5.30	AD	FS	☐	FS		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	42	1.51			13.10	AD	FS	☐	FS		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	40	0.17			136.00	AD	FS	☐	FS		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	42	0.64			84.20	AD	FS	☐	FS		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	12		0		51.60	AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	12		0		218.00	AD	NC	☐	NC		

AUID 2492_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	12		0		3.70	AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	9		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	12		0		370.00	AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	12		0		410.00	AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	12		0		9.60	AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	12		0		70.00	AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	12		0		270.00	AD	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	Enterococcus	12/1/2001	11/30/2008	80		8	186.63	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	80	17.50			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	82		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	80		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	80		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	81		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	81		8	0.17	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	83		5	0.27	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	83		39	38.17	11.60	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	83		2	1.06	0.17	AD	NC	☐	NC		

Segment New in 2010? No

SEGID 2492A San Fernando Creek (unclassified water body)

AUID 2492A_01 From the Cayo Del Grullo confluence to the Lake Alice 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	40		4	3.48	4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	40		0		3.00	AD	FS	☐	FS		

USE Recreation Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Single Sample	Enterococcus	12/1/2001	11/30/2008	10		6	249.83	89.00	AD	NS	☐	NS	bacteria	5a
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	10	121.03			35.00	AD	NS	☐	NS	bacteria	5a

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	27		22	3.25	1.10	AD	CS	☐	CS	nitrate	
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	27		27	2.9	0.46	AD	CS	☐	CS	orthophosphorus	
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	26		1	1.29	0.46	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	27		27	3.38	0.66	AD	CS	☐	CS	total phosphorus	
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	28		6	49.68	21.00	AD	NC	☐	NC		

Segment New in 2010? Yes

SEGID 2492CG Cayo del Grullo Bay (Recreational Beaches)

AUID 2492CG_0 Kaufer-Hubert #3 (Beach ID TX289381)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008			3			OE	FS	☐	FS		

AUID 2492CG_0 Kaufer-Hubert #2 (Beach ID TX339922)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008			6			OE	FS	☐	FS		

AUID 2492CG_0 Kaufer-Hubert #1 (Beach ID TX471201)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008			13			OE	FS	☐	FS		

AUID 2492CG_0 Riviera Beach Pier (Beach ID TX948394)

USE Recreational Beaches

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Texas Beach Watch Program Advisories	Enterococcus	12/1/2001	11/30/2008			4			OE	FS	☐	FS		

Segment New in 2010? Yes

SEGID2492OW Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada (Oyster Waters)

AUID 2492OW_0 Entire water body north of the boundary with Lower Laguna Madre

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

AUID 2492OW_0 Area adjacent to boundary with Lower Laguna Madre

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	NA	☐	NA		

Segment New in 2010? No

SEGID 2493 South Bay

AUID 2493_01 Entire segment

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/1/2001	11/30/2008	40		1	4.4	5.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	40		0		4.00	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	Enterococcus	12/1/2001	11/30/2008	31		4	112.25	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	31	24.76			35.00	AD	FS	☐	FS		

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	67		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	43		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	43		0		6.50	AD	FS	☐	FS		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	46		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	47		3	0.19	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	45		0		0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	45		0		11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	45		1	0.42	0.17	AD	NC	☐	NC		

Segment New in 2010? Yes

SEGID2493OW South Bay (Oyster Waters)

AUID 2493OW_0 Entire segment

USE Oyster Waters Use

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 Shellfish Harvesting Maps	DSHS Shellfishing Restrictions	12/1/2001	11/30/2008						OE	FS	☐	FS		

Segment New in 2010? No

SEGID 2494 Brownsville Ship Channel

AUID 2494_01 From the Laguna Madre confluence upstream to the Port of Brownsville

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	69		10	4.35	5.00	AD	CS	☐	CS	depressed dissolved oxygen	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	69		2	3.2	4.00	AD	FS	☐	FS		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	4		0		3.70	LD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	4		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	4		0		51.60	LD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	4		0		410.00	LD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	4		0		270.00	LD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/1/2001	11/30/2008	4		0		370.00	LD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	4		0		9.60	LD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	4		0		70.00	LD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	4		0		218.00	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	Enterococcus	12/1/2001	11/30/2008	61		19	325.95	89.00	AD	NS	☐	NS	bacteria	5c
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	61	47.07			35.00	AD	NS	☐	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Water Temperature	Temperature	12/1/2001	11/30/2008	85		0		35.00	AD	FS	☐	FS		
High pH	pH	12/1/2001	11/30/2008	77		0		9.00	AD	FS	☐	FS		
Low pH	pH	12/1/2001	11/30/2008	77		0		6.50	AD	FS	☐	FS		

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

AUID **2494_01** From the Laguna Madre confluence upstream to the Port of Brownsville

USE **General Use**

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	71		2	0.76	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	68		8	22.25	11.60	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	71		3	0.44	0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	68		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	71		10	0.17	0.10	AD	NC	☐	NC		

Segment New in 2010? No

SEGID 2494A Port Isabel Fishing Harbor (unclassified water body)

AUID 2494A_01 From the Laguna Madre confluence to 0.4 km (0.25 mi) south of SH 100 in Port Isabel

USE Aquatic Life Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean 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	20		0		4.00	AD	NC	☐	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/1/2001	11/30/2008	20		0		3.00	AD	FS	☐	FS		
Acute Toxic Substances in water	Copper	12/1/2001	11/30/2008	1		1	43.5	13.50	ID	NA	☐	NA		
Acute Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1		0		92.70	ID	NA	☐	NA		
Acute Toxic Substances in water	Selenium	12/1/2001	11/30/2008	1		0		564.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Silver (ionic)	12/1/2001	11/30/2008	1		0		2.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1		0		118.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1		0		45.40	ID	NA	☐	NA		
Acute Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1		0		149.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Lead	12/1/2001	11/30/2008	1		0		133.00	ID	NA	☐	NA		
Acute Toxic Substances in water	Mercury	12/1/2001	11/30/2008	1		0		2.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Lead	12/1/2001	11/30/2008	1	0.50			5.30	ID	NA	☐	NA		
Chronic Toxic Substances in water	Zinc	12/1/2001	11/30/2008	1	9.23			84.20	ID	NA	☐	NA		
Chronic Toxic Substances in water	Selenium	12/1/2001	11/30/2008	1	4.00			136.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Mercury	12/1/2001	11/30/2008	1	0.10			1.10	ID	NA	☐	NA		
Chronic Toxic Substances in water	Copper	12/1/2001	11/30/2008	1	43.50			3.60	ID	NA	☐	NA		
Chronic Toxic Substances in water	Cadmium	12/1/2001	11/30/2008	1	0.50			10.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Arsenic	12/1/2001	11/30/2008	1	45.90			78.00	ID	NA	☐	NA		
Chronic Toxic Substances in water	Nickel	12/1/2001	11/30/2008	1	16.30			13.10	ID	NA	☐	NA		

AUID 2494A_01 From the Laguna Madre confluence to 0.4 km (0.25 mi) south of SH 100 in Port Isabel

USE Aquatic Life Use

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	Chromium	12/1/2001	11/30/2008	1		0		370.00	ID	NA	☐	NA		
Toxic Substances in sediment	Silver	12/1/2001	11/30/2008	1		0		3.70	ID	NA	☐	NA		
Toxic Substances in sediment	Nickel	12/1/2001	11/30/2008	1		0		51.60	ID	NA	☐	NA		
Toxic Substances in sediment	Zinc	12/1/2001	11/30/2008	1		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Mercury	12/1/2001	11/30/2008	1		0		410.00	ID	NA	☐	NA		
Toxic Substances in sediment	Copper	12/1/2001	11/30/2008	1		0		270.00	ID	NA	☐	NA		
Toxic Substances in sediment	Cadmium	12/1/2001	11/30/2008	1		0		9.60	ID	NA	☐	NA		
Toxic Substances in sediment	Arsenic	12/1/2001	11/30/2008	1		0		70.00	ID	NA	☐	NA		
Toxic Substances in sediment	Lead	12/1/2001	11/30/2008	1		0		218.00	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	Enterococcus	12/1/2001	11/30/2008	18		2	1245	89.00	AD	FS	☐	FS		
Bacteria Geomean	Enterococcus	12/1/2001	11/30/2008	18	37.71			35.00	AD	NS	☐	NS	bacteria	5c

USE General Use

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Nitrate	12/1/2001	11/30/2008	23		2	0.65	0.17	AD	NC	☐	NC		
Nutrient Screening Levels	Orthophosphorus	12/1/2001	11/30/2008	23		0		0.19	AD	NC	☐	NC		
Nutrient Screening Levels	Ammonia	12/1/2001	11/30/2008	23		1	0.12	0.10	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/1/2001	11/30/2008	23		0		0.21	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/1/2001	11/30/2008	22		0		11.60	AD	NC	☐	NC		

2010 Texas Water Quality Inventory: Assessment Results for Basin 24 - Bays and Estuaries

AUID **2494A_01** From the Laguna Madre confluence to 0.4 km (0.25 mi) south of SH 100 in Port Isabel

USE **Fish Consumption Use**

Method	Parameter	ASMT Start Date	ASMT End Date	# Assd	Mean assd	# exceed	Mean exceed	Criteria	DS Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Mercury	12/1/2001	11/30/2008	1	0.01			0.03	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Chromium	12/1/2001	11/30/2008	1	1.79			2,216.00	ID	NA	☐	NA		
HH Bioaccumulative Toxics in water	Lead	12/1/2001	11/30/2008	1	0.50			16.90	ID	NA	☐	NA		