



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2411**

**Sabine Pass**

**AUID: 2411\_01**

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

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	25		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	27	96.02	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	27		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	24		1	0.13	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	25		2	14.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	27		2	0.31	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	21		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	27		0		AD	FS	<input type="checkbox"/>	FS		

**Fish Consumption Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in Gafftopsail Catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2411OW Sabine Pass (Oyster Waters)**

**AUID: 2411OW\_01 Sabine Pass (Oyster Waters)**

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2412**

**Sabine Lake**

**AUID: 2412\_01**

Sabine Lake

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	52	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	52	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	27	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	27	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	27	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	27	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	27	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	24	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	27	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	27	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	27	0		AD	NC	<input type="checkbox"/>	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	54	48.69	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c	

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
High pH	pH	12/01/07 - 11/30/14	9	54		0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/07 - 11/30/14	6.50	54		0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	49		6	0.17	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	50		9	13.76	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	54		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	49		0		AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	54		0		AD	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2412\_01 Sabine Lake

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			TCEQ Cause	Cat	
				#	Value	#	Value	Qual	LOS	CF			Int LOS
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in Gafftopsail Catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2412OW Sabine Lake (Oyster Waters)**

**AUID: 2412OW\_01 Sabine Lake (Oyster Waters)**

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2421**

**Upper Galveston Bay**

**AUID: 2421\_01**

Red Bluff to Five mi Cut to Houston Point to Morgans Point

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	38	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	38	1	3.30	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	21	0		AD	NC	<input type="checkbox"/>	NC			

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	36	9.38	0	AD	FS	<input type="checkbox"/>	FS			

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/07 - 11/30/14	9	39	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/07 - 11/30/14	6.50	39	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	35	7	0.17	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	36	27	30.70	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	39	23	0.57	AD	CS	<input type="checkbox"/>	CS	nitrate		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	37	21	0.27	AD	CS	<input type="checkbox"/>	CS	total phosphorus		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	39	0		AD	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2421\_01      Red Bluff to Five mi Cut to Houston Point to Morgans Point

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish, spotted seatrout, and blue crab	5a	
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish, spotted seatrout, and blue crab	5a	



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2421\_02      Western portion of the bay

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	53	1	1.27	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	53	1	1.27	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	21	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	21	0		AD	NC	<input type="checkbox"/>	NC			

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	46	7.23	0	AD	FS	<input type="checkbox"/>	FS			

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/07 - 11/30/14	9	50	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/07 - 11/30/14	6.50	50	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	52	1	0.19	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	51	44	26.95	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	53	15	0.44	AD	CS	<input type="checkbox"/>	CS	nitrate		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	45	30	0.27	AD	CS	<input type="checkbox"/>	CS	total phosphorus		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	53	0		AD	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2421\_02      Western portion of the bay

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a	
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a	

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2421\_03      Main portion of the bay

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	88		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	88		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	21		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	21		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	21		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	21		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	21		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	21		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	21		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	21		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	21		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	74	6.17	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/07 - 11/30/14	9	88		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	88		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	84		3	0.28	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	82		61	23.36	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	89		22	0.33	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	79		20	0.28	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	89		0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2421\_03      Main portion of the bay

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a	
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2421A**      **Clear Lake Channel**

**AUID: 2421A\_01**      From Lower Galveston Bay confluence to SH 146

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CS	total phosphorus	
<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2421B**

**Little Cedar Bayou**

**AUID: 2421B\_01** From the confluence with Galveston Bay to a point immediately upstream of Barbours Cut Blvd in La Porte

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	16		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	16		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	15	98.78	1		LD	CN	<input type="checkbox"/>	CN	bacteria	

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	16		2	0.58	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	16		5	55.08	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	16		16	6.76	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	12		9	1.70	AD	CS	<input type="checkbox"/>	CS	total phosphorus	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2421C**      **Pine Gully**

**AUID: 2421C\_01**      Pine Gully - from the confluence with Upper Galveston Bay upstream to the terminus approximately 875 m east of the intersection of Old Highway 146 and Red Bluff R

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	16	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	16	2	3.15	AD	NC	<input type="checkbox"/>	NC				

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	15	80.73	1	LD	CN	<input type="checkbox"/>	CN	bacteria			

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	16	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	16	7	44.10	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	16	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	12	0		AD	NC	<input type="checkbox"/>	NC				

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2421HC Upper Galveston Bay (Recreational Beaches)**

**AUID: 2421HC\_01 Sylvan Beach Park (Beach ID TX412536)**

**Recreational Beaches**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		168		33	19.64	OE	FS	<input type="checkbox"/>	FS			



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2421OW Upper Galveston Bay (Oyster Waters)**

**AUID: 2421OW\_01** Entire western portion of the bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	4a	

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2421OW\_02 Eastern portion of the bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data		Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2422**

**Trinity Bay**

**AUID: 2422\_01**

Upper half of bay

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	130	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	130	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	32	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	32	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	32	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	32	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	32	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	32	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	32	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	32	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	32	0		AD	NC	<input type="checkbox"/>	NC			

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	128	6.65	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/07 - 11/30/14	9	129	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/07 - 11/30/14	6.50	129	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	130	1	0.11	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	122	87	26.04	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	135	21	0.39	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	127	22	0.25	AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	134	0		AD	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2422\_01 Upper half of bay

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2422\_02 Lower half of bay

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	92		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	92		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	32		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	32		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	32		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	32		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	32		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	32		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	32		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	32		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	32		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	92	6.35	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	94		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	94		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	94		2	0.14	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	91		54	22.49	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	97		11	0.34	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	89		17	0.24	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	96		0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2422\_02 Lower half of bay

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2422B**

**Double Bayou West Fork**

**AUID: 2422B\_01**

From the Trinity Bay confluence to Belton Road

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14	4					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	73		5	2.09	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	73		9	2.81	SM	CS	<input type="checkbox"/>	NA		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	24	78.45	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	67		40	50.41	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	63		9	1.77	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	72		1	1.36	AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2422D      Double Bayou East Fork**

**AUID: 2422D\_01**      From the Trinity Bay confluence to a point 2.6 km (1.6 mi) upstream of SH 65

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	72		3	2.66	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	72		6	3.25	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	25	94.59	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	67		14	41.87	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	54		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	70		0		AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2422OW Trinity Bay (Oyster Waters)**

**AUID: 2422OW\_01** Upper portion of the bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14				OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	4a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2422OW\_02 Lower portion of the bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2423**

**East Bay**

**AUID: 2423\_01**

Area adjacent to the ICWW (Segment 0702)

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	19	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	19	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	11	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	11	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	11	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	11	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	11	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	12	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	11	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	11	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	11	0		AD	NC	<input type="checkbox"/>	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	18	8.46	0		LD	NC	<input type="checkbox"/>	NC			

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
High pH	pH	12/01/07 - 11/30/14	9	19	0		AD	FS	<input type="checkbox"/>	FS				
Low pH	pH	12/01/07 - 11/30/14	6.50	19	0		AD	FS	<input type="checkbox"/>	FS				
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	19	2	0.19	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	18	8	22.58	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	17	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	14	1	0.22	AD	NC	<input type="checkbox"/>	NC				
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	19	0		AD	FS	<input type="checkbox"/>	FS				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2423\_02      Remainder of segment

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	71		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	71		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	11		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	68	5.89	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/07 - 11/30/14	9	71		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	71		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	70		4	0.12	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	68		30	18.16	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	67		1	0.35	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	54		4	0.28	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	71		0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2423\_02     Remainder of segment

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2423A**

**Oyster Bayou**

**AUID: 2423A\_01** From the East Bay confluence to a point 2.2 km (1.4 mi) upstream from SH 65

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	26	1	3.90	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	26	5	3.81	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen			
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	1	0		ID	NA	<input type="checkbox"/>	NA				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	24	45.53	1	AD	NS	<input type="checkbox"/>	NS	bacteria	5c		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	26	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	25	17	42.02	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	26	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	23	0		AD	NC	<input type="checkbox"/>	NC				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2423A\_01 From the East Bay confluence to a point 2.2 km (1.4 mi) upstream from SH 65

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a	
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a	



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2423OW East Bay (Oyster Waters)**

**AUID: 2423OW\_01** East end of bay adjacent to the ICWW and East Bay Bayou

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	4a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2423OW\_02 Remainder of the bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data		Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2424**

**West Bay**

**AUID: 2424\_01**

**West Bay**

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	110	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	110	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	13	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	13	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	13	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	13	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	13	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	13	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	13	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	13	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	13	0		AD	NC	<input type="checkbox"/>	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	100	6.02	0		AD	FS	<input type="checkbox"/>	FS			

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
High pH	pH	12/01/07 - 11/30/14	9	110	0		AD	FS	<input type="checkbox"/>	FS				
Low pH	pH	12/01/07 - 11/30/14	6.50	110	0		AD	FS	<input type="checkbox"/>	FS				
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	108	3	0.20	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	110	8	14.60	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	106	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	92	0		AD	NC	<input type="checkbox"/>	NC				
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	110	0		AD	FS	<input type="checkbox"/>	FS				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2424\_01 West Bay

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	22		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	22		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	13		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	28	8.31	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/07 - 11/30/14	9	27		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	28		5	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	28		1	0.41	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	28		2	0.32	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	28		0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2424A Highland Bayou**

**AUID: 2424A\_01** From the Jones Bay confluence upstream to Bayou Lane

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	24		1	2.40	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	24		3	3.09	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	28	27.34	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	28		0		AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2424A\_02 From Bayou Lane upstream to Lake Road

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3					ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35					ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21					ID	NA	<input checked="" type="checkbox"/>	CS	chlorophyll-a	

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2424A\_03 From Lake Road upstream to FM 519

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	27	3 2.40	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	27	6 3.04	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	31 109.03	1	AD	NS	<input type="checkbox"/>	NS	bacteria	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	31	1 0.54	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	7	3 26.67	LD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	31	10 2.29	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	31	2 1.80	AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14				OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14				OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2424A\_04 From FM 519 upstream to FM 2004

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	6		1	0.93	LD	NC	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen	
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	6		1	0.93	LD	NC	<input checked="" type="checkbox"/>	CS	depressed dissolved oxygen	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	6	221.06	1		LD	CN	<input checked="" type="checkbox"/>	NS	bacteria	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	6		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	6		2	26.50	LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	6		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	6		0		LD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2424A\_05 From FM 2004 to the headwaters just west of FM 1764

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14	4					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	33		11	1.58	SM	NS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	33		16	2.21	SM	CS	<input type="checkbox"/>	NA		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	37	303.80	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	37		3	0.57	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	12		8	35.38	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	37		1	1.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	37		0		AD	NC	<input type="checkbox"/>	NC		

## Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2424B**

**Lake Madeline**

**AUID: 2424B\_01** Between Jones Street, Stewart Street and Pine Street, north of the seawall on Galveston Island

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	22		7	2.37	AD	NS	<input type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	22		10	2.62	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	28	31.09	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	28		5	0.42	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	28		11	30.18	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	27		5	0.30	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	28		7	0.39	AD	NC	<input type="checkbox"/>	NC		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2424C**

**Marchand Bayou**

**AUID: 2424C\_01** From Highland Bayou confluence 0.72 km (0.45 mi) north of IH-45

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14	4					ID	NA	<input checked="" type="checkbox"/>	CN	depressed dissolved oxygen		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	30		7	2.10	SM	NS	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	30		9	2.34	SM	CS	<input type="checkbox"/>	NA			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	34	196.44	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	34		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	6		0		LD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	34		0		AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	34		0		AD	NC	<input type="checkbox"/>	NC			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2424D      Offatts Bayou**

**AUID: 2424D\_01      Upper area bordered by SH 342 and 71st Street**

**Fish Consumption Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a	
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2424D\_02 Middle area bordered by 71st Street and Walsh Street

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	22		2	1.85	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	22		3	2.36	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	28	11.83	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	28		7	0.39	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	28		6	15.67	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	28		1	0.19	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	28		4	0.58	AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2424D\_03 Lower area bordered by Walsh Street and Techmann Point

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	22		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	22		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	28	9.96	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	28		7	0.44	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	28		4	16.75	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	28		2	0.59	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	28		1	0.54	AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2424E**

**English Bayou**

**AUID: 2424E\_01** Between IH 45, Bayou Shore Drive, South Shore Rear and SH 342 on Galveston Island

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	22	3 1.69	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	22	5 2.29	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	28 25.72	0	AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	28	4 0.38	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	28	7 14.86	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	28	2 0.25	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	28	2 0.29	AD	NC	<input type="checkbox"/>	NC		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2424G**

**Highland Bayou Diversion Canal**

**AUID: 2424G\_01** From the confluence with an unnamed tributary adjacent to Jones Bay upstream to the Highland Bayou confluence

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	24	1 1.63	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	24	5 3.31	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	28 69.23	1	AD	NS	<input type="checkbox"/>	NS	bacteria	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	28	4 0.58	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	28	1 1.26	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	28	0	AD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2424OW West Bay (Oyster Waters)**

**AUID: 2424OW\_01** Main portion of bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2424OW\_02 Area adjacent to Lower Galveston Bay and Galveston Island

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	4a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2424SP Galveston Island State Park (Recreational Beaches)**

**AUID: 2424SP\_01 Galveston Island State Park Backside (Beach ID TX226514)**

**Recreational Beaches**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		241		23	9.54	OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2425**

**Clear Lake**

**AUID: 2425\_01**

**Clear Lake**

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2425\_01 Clear Lake

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	149	22		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	40	22		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	13.50	16		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	133	22		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	118	23		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Selenium	12/01/07 - 11/30/14	564	23		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Silver (ionic)	12/01/07 - 11/30/14	2	22		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	92.70	23		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	78	22	23.93	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	8.75	22	1.33	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	3.60	16	4.47	1		AD	NS	<input type="checkbox"/>	NS	copper in water	5c
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	5.30	22	0.94	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	13.10	23	2.70	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Selenium	12/01/07 - 11/30/14	136	23	2.36	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	84.20	23	2.55	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	138		1	2.80	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	138		2	3.05	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	7		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	7		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	7		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	7		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	7		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	7		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	7		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	7		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	7		0		LD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2425\_01 Clear Lake

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	134	15.55	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	138		2	9.20	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	138		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	138		27	0.22	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	79		51	35.54	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	123		47	0.51	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	134		112	0.35	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	140		0		AD	FS	<input type="checkbox"/>	FS		

## Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	22	0.85	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	23	2.70	0		AD	FS	<input type="checkbox"/>	FS		



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2425A**      **Taylor Lake**

**AUID: 2425A\_01**      Taylor Lake from the confluence with Clear Lake to the confluence with Taylor Bayou at Red Bluff Rd in Seabrook

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	38		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	38		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	37	11.03	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	38		11	0.21	AD	CS	<input type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	16		5	22.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	32		12	0.46	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	37		34	0.33	AD	CS	<input type="checkbox"/>	CS	total phosphorus	

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2425A\_02 Taylor Bayou from the confluence with Taylor Lake at Red Bluff Rd in Seabrook upstream to the Southern Pacific railroad bridge parallel with SH 146 in Harris County

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	38		0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	38		0	AD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	37	10.15	0	AD	FS	<input type="checkbox"/>	FS			

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	38		1	0.59	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	32		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	38		1	0.88	AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2425A\_03 Taylor Bayou from the Southern Pacific railroad bridge parallel with SH 146 in Harris County upstream to the terminus south of Bay Forest Golf Club in LaPorte

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2425B Jarbo Bayou**

**AUID: 2425B\_01** From the Clear Lake confluence upstream to Lawrence Road

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	26		2	2.47	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	26		3	2.81	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	29	152.38	1		AD	NS	<input type="checkbox"/>	NS	bacteria	4a

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	29		1	0.70	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	29		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	29		5	1.31	AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a

## 2016 Texas Integrated Report - 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

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14				ID	NA	<input checked="" type="checkbox"/>	CN	bacteria	

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14				OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14				OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2425E**

**Harris County Flood Control Ditch A**

**AUID: 2425E\_01** From the Taylor Bayou confluence to a point 0.28 km (0.17 mi) downstream of Fairmont Parkway

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	38	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	38	1 3.80	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	37 19.64	0	AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	38	4 0.65	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	32	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	38	1 0.86	AD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2426**

**Tabbs Bay**

**AUID: 2426\_01**

**Tabbs Bay**

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	47		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	47		1	3.40	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	46	9.61	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	47		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	47		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	47		27	0.21	AD	CS	<input type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	29		1	12.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	35		24	0.70	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	47		36	0.30	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	47		0		AD	FS	<input type="checkbox"/>	FS		

**Fish Consumption Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish, spotted seatrout, and blue crab	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish, spotted seatrout, and blue crab	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2426C**

**Goose Creek Tidal**

**AUID: 2426C\_01** From the Tabbs Bay confluence upstream to the East Fork of Goose Creek confluence

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	47		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	47		1	3.70	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	46	23.72	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	47		2	0.55	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	34		8	1.49	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	47		2	0.81	AD	NC	<input type="checkbox"/>	NC		

**Fish Consumption Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish, spotted seatrout, and blue crab	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish, spotted seatrout, and blue crab	5a



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2427**

**San Jacinto Bay**

**AUID: 2427\_01**

San Jacinto Bay

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	101	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	101	1	3.90	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	2	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	2	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	2	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	2	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	2	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	2	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	2	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	2	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	2	0		ID	NA	<input type="checkbox"/>	NA				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	97	10.41	0	AD	FS	<input type="checkbox"/>	FS				

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
High pH	pH	12/01/07 - 11/30/14	9	101	0		AD	FS	<input type="checkbox"/>	FS				
Low pH	pH	12/01/07 - 11/30/14	6.50	101	0		AD	FS	<input type="checkbox"/>	FS				
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	101	57	0.35	AD	CS	<input type="checkbox"/>	CS	ammonia			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	65	9	20.90	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	77	75	0.95	AD	CS	<input type="checkbox"/>	CS	nitrate			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	101	97	0.35	AD	CS	<input type="checkbox"/>	CS	total phosphorus			
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	101	0		AD	FS	<input type="checkbox"/>	FS				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2427\_01 San Jacinto Bay

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NS	<input checked="" type="checkbox"/>	NS	PCBs in fish and blue crab	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NS	<input checked="" type="checkbox"/>	NS	dioxin in fish and blue crab	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2428**

**Black Duck Bay**

**AUID: 2428\_01**

**Black Duck Bay**

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	47		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	47		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	46	8.44	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	47		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	47		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	47		7	0.18	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	29		13	32.85	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	35		16	0.46	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	47		32	0.30	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	47		0		AD	FS	<input type="checkbox"/>	FS		

**Fish Consumption Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish, spotted seatrout, and blue crab	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish, spotted seatrout, and blue crab	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2429**

**Scott Bay**

**AUID: 2429\_01**

**Scott Bay**

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	47		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	47		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	46	10.13	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	47		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	47		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	47		21	0.20	AD	CS	<input type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	29		5	23.20	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	35		35	1.03	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	47		45	0.35	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	47		0		AD	FS	<input type="checkbox"/>	FS		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NS	<input checked="" type="checkbox"/>	NS	PCBs in fish and blue crab	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NS	<input checked="" type="checkbox"/>	NS	dioxin in fish and blue crab	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2430**

**Burnet Bay**

**AUID: 2430\_01**

**Burnet Bay**

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	54	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	54	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	1	0		ID	NA	<input type="checkbox"/>	NA				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	51	11.04	0		AD	FS	<input type="checkbox"/>	FS			

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
High pH	pH	12/01/07 - 11/30/14	9	54	1	9.10		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/07 - 11/30/14	6.50	54	0			AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	54	19	0.21		AD	CS	<input type="checkbox"/>	CS	ammonia		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	35	16	24.57		AD	CS	<input type="checkbox"/>	CS	chlorophyll-a		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	42	37	0.89		AD	CS	<input type="checkbox"/>	CS	nitrate		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	54	52	0.35		AD	CS	<input type="checkbox"/>	CS	total phosphorus		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	54	0			AD	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2430\_01 Burnet Bay

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NS	<input checked="" type="checkbox"/>	NS	dioxin in fish and blue crab	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NS	<input checked="" type="checkbox"/>	NS	PCBs in fish and blue crab	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2430A**      **Crystal Bay**

**AUID: 2430A\_01**      Crystal Bay, a side bay of Burnett Bay, located between Burnett and Scott (Segment 2429) Bays adjacent to the San Jacinto Monument and Houston Ship Channel (Segn

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	47		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	47		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	46	11.56	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	47		21	0.20	AD	CS	<input type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	29		6	16.78	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	35		35	0.99	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	47		45	0.36	AD	CS	<input type="checkbox"/>	CS	total phosphorus	

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NS	<input checked="" type="checkbox"/>	NS	dioxin in fish and blue crab	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted-Consumption	12/01/07 - 11/30/14						OE	NS	<input checked="" type="checkbox"/>	NS	PCBs in fish and blue crab	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2431**

**Moses Lake**

**AUID: 2431\_01**

**Moses Lake**

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	53		1	2.10	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	53		1	2.10	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	51	9.67	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	54		1	9.10	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	54		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	53		4	0.33	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	51		15	21.72	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	54		4	0.20	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	50		8	0.27	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	54		0		AD	FS	<input type="checkbox"/>	FS		

**Fish Consumption Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2431A**      **Moses Bayou**

**AUID: 2431A\_01**      From Moses Lake confluence to 2.2 km (1.4 mi) upstream of SH 3

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	53		2	2.60	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	53		3	2.93	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	41	85.68	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	56		1	0.60	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	56		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	56		1	1.15	AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2431C**

**Unnamed Tributary to the Southern Arm of Moses Lake (West)**

**AUID: 2431C\_01** From the confluence with the southern arm (west) of Moses Lake to a point 0.45 mi upstream of State Highway 3 near La Marque

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	27	1 2.90	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	27	2 3.00	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	28 73.36	1	AD	NS	<input type="checkbox"/>	NS	bacteria	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	28	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	28	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	28	0	AD	NC	<input type="checkbox"/>	NC		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2431D**      **Unnamed Tributary to the Southern Arm of Moses Lake (East)**

**AUID: 2431D\_01**      From the confluence with the southern arm (east) of Moses Lake to a point 0.6 miles upstream of State Highway 146 in Texas City

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	6	0		LD	NC	<input type="checkbox"/>	NC				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	6	0		LD	NC	<input type="checkbox"/>	NC				

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	6	141.11	1	LD	CN	<input type="checkbox"/>	CN	bacteria			

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	6	0		LD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	6	0		LD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	6	0		LD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	6	0		LD	NC	<input type="checkbox"/>	NC				

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2432**

**Chocolate Bay**

**AUID: 2432\_01**

**Chocolate Bay**

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	53	1	2.63	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	53	5	3.23	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	1	0		ID	NA	<input type="checkbox"/>	NA				
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	1	0		ID	NA	<input type="checkbox"/>	NA				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	57	14.43	0	AD	FS	<input type="checkbox"/>	FS				

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
High pH	pH	12/01/07 - 11/30/14	9	58	0		AD	FS	<input type="checkbox"/>	FS				
Low pH	pH	12/01/07 - 11/30/14	6.50	58	0		AD	FS	<input type="checkbox"/>	FS				
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	58	12	0.38	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	54	1	13.00	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	58	7	0.28	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	57	10	0.31	AD	NC	<input type="checkbox"/>	NC				
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	58	0		AD	FS	<input type="checkbox"/>	FS				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2432\_01 Chocolate Bay

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2432A Mustang Bayou**

**AUID: 2432A\_01** From the New Bayou confluence upstream to County Road 166

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	13	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	9	1 4.70	LD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/07 - 11/30/14	126	10 289.94	1	LD	CN	<input type="checkbox"/>	CN	bacteria	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	13	1 0.80	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	13	3 2.67	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	13	3 0.91	AD	NC	<input type="checkbox"/>	NC		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2432A\_02 From County Road 166 upstream to an unnamed tributary 0.3 km upstream of SH 35.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	12		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	12		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/07 - 11/30/14	126	12	2,248.64	1		LD	CN	<input type="checkbox"/>	CN	bacteria	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	13		1	0.40	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	13		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	13		0		AD	NC	<input type="checkbox"/>	NC		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2432A\_03 From an unnamed tributary 0.3 km upstream of State Hwy 35 upstream to an unnamed tributary downstream of Cartwright Road.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	7		0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	7		0		LD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/07 - 11/30/14	126	6	475.28	1		LD	CN	<input type="checkbox"/>	CN	bacteria	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	7		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	7		0		LD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	7		0		LD	NC	<input type="checkbox"/>	NC		



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2432B**

**Willow Bayou**

**AUID: 2432B\_01** From the Halls Bayou confluence to a point 9.7 km (6 mi) upstream.

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	26	3 1.73	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	22	1 1.70	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/07 - 11/30/14	126	17 235.47	1	LD	CN	<input type="checkbox"/>	CN	bacteria	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	26	1 0.80	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	25	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	26	1 1.25	AD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2432C**

**Halls Bayou Tidal**

**AUID: 2432C\_01** From the Chocolate Bay confluence upstream to a point 31.5 km (19.6 mi) upstream

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	11/27/07 - 11/30/14	4	10		1	2.40	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	11/27/07 - 11/30/14	3	10		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	56		3	2.53	SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	56		10	3.21	SM	CS	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	1		0		ID	NA	<input type="checkbox"/>	NA		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	42	201.54	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5c

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	55		2	0.65	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	26		5	36.52	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	54		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	52		1	1.00	AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2432D**

**Persimmon Bayou**

**AUID: 2432D\_01** From the New Bayou confluence upstream to the confluence with Mustang Bayou

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	27	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	27	1 4.00	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/07 - 11/30/14	126	17 128.56	1	LD	CN	<input type="checkbox"/>	CN	bacteria	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	28	3 1.63	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	27	6 3.89	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	28	6 1.29	AD	NC	<input type="checkbox"/>	NC		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2432E**      **New Bayou**

**AUID: 2432E\_01**      From the Chocolate Bay confluence upstream 25.4 km (15.8 mi) to an unnamed tributary

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	27	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	27	3	4.10	AD	NC	<input type="checkbox"/>	NC				

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	E. coli	12/01/07 - 11/30/14	126	17	112.47	0	LD	NC	<input type="checkbox"/>	NC				

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	28	3	1.20	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	27	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	28	1	0.92	AD	NC	<input type="checkbox"/>	NC				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2432OW Chocolate Bay (Oyster Waters)**

**AUID: 2432OW\_01 Chocolate Bay (Oyster Waters)**

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	4a	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2433OW Bastrop Bay/Oyster Lake (Oyster Waters)**

**AUID: 2433OW\_01 Bastrop Bay**

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	5c	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2433OW\_02 Oyster Lake

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			TCEQ Cause	Cat	
				#	Value	#	Value	Qual	LOS	CF			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	4a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2434**

**Christmas Bay**

**AUID: 2434\_01**

Area adjacent to West Bay

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	2	0	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	2	0	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	2	0	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	2	0	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	2	0	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	2	0	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	2	0	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	2	0	ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	2	0	ID	NA	<input type="checkbox"/>	NA		



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2434\_02      Remainder of segment

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	31		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	31		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	2		0		ID	NA	<input type="checkbox"/>	NA		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	29	6.53	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/07 - 11/30/14	9	31		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	31		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	31		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	32		4	13.20	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	31		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	25		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	31		0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2434OW Christmas Bay (Oyster Waters)**

**AUID: 2434OW\_01** Area adjacent to West Bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	4a	

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2434OW\_02 Remainder of Christmas Bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2435OW Drum Bay (Oyster Waters)**

**AUID: 2435OW\_01** Area adjacent to Christmas Bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	4a	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2435OW\_02 Remainder of Drum Bay

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	4a	

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2436**

**Barbours Cut**

**AUID: 2436\_01**

Barbours Cut

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	47	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	47	0	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	46 10.66	0	AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	47	0	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	47	0	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	47	27 0.18	AD	CS	<input type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	34	33 0.67	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	47	33 0.30	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	47	0	AD	FS	<input type="checkbox"/>	FS		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14				OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14				OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2437**

**Texas City Ship Channel**

**AUID: 2437\_01**

Texas City Ship Channel

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2437\_01      Texas City Ship Channel

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	149	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	40	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	13.50	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	133	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	118	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Selenium	12/01/07 - 11/30/14	564	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Silver (ionic)	12/01/07 - 11/30/14	2	5		0		LD	NC	<input type="checkbox"/>	NC		
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	92.70	5		0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	78	5	20.76	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	8.75	5	1.41	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	3.60	5	2.94	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	5.30	5	1.42	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	13.10	5	3.77	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Selenium	12/01/07 - 11/30/14	136	5	11.74	0		LD	NC	<input type="checkbox"/>	NC		
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	84.20	5	5.02	0		LD	NC	<input type="checkbox"/>	NC		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	27		1	3.97	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	1		0		ID	NA	<input type="checkbox"/>	NA		



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2437\_01      Texas City Ship Channel

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/01/07 - 11/30/14	12,760	1		0		ID	NA	<input type="checkbox"/>	NA		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2437\_01      Texas City Ship Channel

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	11		1	87.50	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	1		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	11		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	26	6.19	0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2437\_01      Texas City Ship Channel

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	27		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	26		11	0.16	AD	CS	<input type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	24		9	21.22	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	27		14	0.34	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	21		2	0.48	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	27		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	5	1.17	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	5	3.77	0		LD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2438**

**Bayport Channel**

**AUID: 2438\_01**

Bayport Channel

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2438\_01 Bayport Channel

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	149	22		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	40	22		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	13.50	16		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	133	22		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	118	22		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Selenium	12/01/07 - 11/30/14	564	23		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Silver (ionic)	12/01/07 - 11/30/14	2	22		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	92.70	22		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	78	22	26.95	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	8.75	22	1.85	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	3.60	16	3.38	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	5.30	22	1.04	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	13.10	22	3.09	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Selenium	12/01/07 - 11/30/14	136	23	6.88	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	84.20	22	3.16	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	35		4	2.58	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	35		6	2.95	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	9		0		LD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2438\_01 Bayport Channel

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/01/07 - 11/30/14	12,760	9		0		LD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2438\_01 Bayport Channel

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	12		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	28	11.70	0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2438\_01 Bayport Channel

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	34		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	34		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	33		18	0.22	AD	CS	<input type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	34		23	29.46	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	35		20	0.35	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	29		28	0.67	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	35		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	22	0.95	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	22	3.09	0		AD	FS	<input type="checkbox"/>	FS		



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2439**

**Lower Galveston Bay**

**AUID: 2439\_01**

Area adjacent to the Texas City Ship Channel and Moses Lake

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	41	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	41	1	3.03	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	35	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	35	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	35	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	35	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	35	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	36	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	35	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	35	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	35	0		AD	NC	<input type="checkbox"/>	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	36	6.14	0	AD	FS	<input type="checkbox"/>	FS				

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
High pH	pH	12/01/07 - 11/30/14	9	41	0		AD	FS	<input type="checkbox"/>	FS				
Low pH	pH	12/01/07 - 11/30/14	6.50	41	0		AD	FS	<input type="checkbox"/>	FS				
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	39	4	0.14	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	37	17	19.78	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	40	6	0.34	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	36	4	0.26	AD	NC	<input type="checkbox"/>	NC				
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	41	0		AD	FS	<input type="checkbox"/>	FS				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2439\_02 Eastern portion of the bay

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	277		0		AD	FS	☐	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	277		0		AD	NC	☐	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	35		0		AD	NC	☐	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	35		0		AD	NC	☐	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	35		0		AD	NC	☐	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	35		0		AD	NC	☐	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	35		0		AD	NC	☐	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	36		0		AD	NC	☐	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	35		0		AD	NC	☐	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	35		0		AD	NC	☐	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	35		0		AD	NC	☐	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	254	6.17	0		AD	FS	☐	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	277		0		AD	FS	☐	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	277		0		AD	FS	☐	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	264		12	0.13	AD	NC	☐	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	247		106	18.77	AD	CS	☐	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	275		13	0.32	AD	NC	☐	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	234		9	0.28	AD	NC	☐	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	277		0		AD	FS	☐	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2439\_02 Eastern portion of the bay

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	dioxin in catfish	5a
DSHS Advisories, Closures, and Risk Assessments	Restricted and No-Consumption	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	PCBs in catfish	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2439OW Lower Galveston Bay (Oyster Waters)**

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

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	4a	

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2439OW\_02 Main portion of the bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual		Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2439TC**    **Texas City Dike (Recreational Beaches)**

**AUID: 2439TC\_01**    Texas City Dike (Beach ID TX164090)

**Recreational Beaches**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		190		17	8.95	OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2441**

**East Matagorda Bay**

**AUID: 2441\_02**

Remainder of segment

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	27		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	26	7.79	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	27		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	27		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	26		2	12.10	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	20		1	0.22	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	27		0		AD	FS	<input type="checkbox"/>	FS		



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2441OW East Matagorda Bay (Oyster Waters)**

**AUID: 2441OW\_01** Caney Creek arm and western shoreline area

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	5a	

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2441OW\_02 Remainder of bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2442OW Cedar Lakes (Oyster Waters)**

**AUID: 2442OW\_01 Cedar Lakes (Oyster Waters)**

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2451**

**Matagorda Bay/Powderhorn Lake**

**AUID: 2451\_01**

Northern end of Matagorda Bay

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	76	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	76	0		AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	6	0		LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	6	0		LD	NC	<input type="checkbox"/>	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	64	7.28	0		AD	FS	<input type="checkbox"/>	FS			

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
High pH	pH	12/01/07 - 11/30/14	9	76	0		AD	FS	<input type="checkbox"/>	FS				
Low pH	pH	12/01/07 - 11/30/14	6.50	76	0		AD	FS	<input type="checkbox"/>	FS				
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	76	4	0.14	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	69	4	12.85	AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	75	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	68	0		AD	NC	<input type="checkbox"/>	NC				
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	76	0		AD	FS	<input type="checkbox"/>	FS				

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2451\_02      Remainder of segment

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	28		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	28		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	6		0		LD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	21	11.42	0		AD	FS	<input type="checkbox"/>	FS		

## General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/07 - 11/30/14	9	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	28		1	0.15	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	26		5	15.94	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	27		1	0.37	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	25		1	0.27	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	28		0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2451OW Matagorda Bay/Powderhorn Lake (Oyster Waters)**

**AUID: 2451OW\_01** Northern end of Matagorda Bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2451OW\_02 Remainder of Matagorda Bay/Powderhorn Lake

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF		
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS	

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2452**

**Tres Palacios Bay/Turtle Bay**

**AUID: 2452\_03**

**Tres Palacios Creek Arm**

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	25		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	25		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	22	7.84	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	25		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	25		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	23		8	17.96	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	25		1	0.19	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	23		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	25		0		AD	FS	<input type="checkbox"/>	FS		



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2452A**

**Tres Palacios Harbor**

**AUID: 2452A\_01**

Tres Palacios Harbor

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3					SM	NA	<input checked="" type="checkbox"/>	NA		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	25		1	5.15	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	25		1	5.15	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	21	8.36	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	24		3	0.14	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	23		7	19.77	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	25		3	0.31	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	22		1	1.38	AD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2452OW**    **Tres Palacios Bay/Turtle Bay (Oyster Waters)**

**AUID: 2452OW\_01**    Turtle Bay and Tres Palacios Creek Arm

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14				OE	NS	☐	NS	bacteria (oyster waters)	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2452OW\_02 Main portion of bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2452TP**    **Tres Palacios Bay (Recreational Beaches)**

**AUID: 2452TP\_01**    Palacios (Beach ID TX 784742)

**Recreational Beaches**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		371		111	29.92	OE	NS	<input type="checkbox"/>	NS	bacteria	5a	

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2453**

**Lavaca Bay/Chocolate Bay**

**AUID: 2453\_01**

Center portion of bay

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2453\_01      Center portion of bay

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	54	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	54	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	3	0		ID	NA	<input type="checkbox"/>	NA			
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	9	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	9	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	14	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	14	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	12	0		AD	NC	<input type="checkbox"/>	NC			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2453\_01      Center portion of bay

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	14		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	14		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/07 - 11/30/14	12,760	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	14		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	14		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	14		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	12		0		AD	NC	<input type="checkbox"/>	NC		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2453\_01      Center portion of bay

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	14		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	38	9.80	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/07 - 11/30/14	9	54		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	54		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	56		2	0.35	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	54		9	15.17	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	54		2	0.24	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	47		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	54		0		AD	FS	<input type="checkbox"/>	FS		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	14	1.09			AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	14	4.38			AD	FS	<input type="checkbox"/>	FS		



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/01/07 - 11/30/14	259	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aldrin	12/01/07 - 11/30/14	1.30	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	149	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	40	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Chlordane	12/01/07 - 11/30/14	0.09	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chlorpyrifos (Dursban)	12/01/07 - 11/30/14	0.01	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	13.50	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	DDT	12/01/07 - 11/30/14	0.13	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Diazinon	12/01/07 - 11/30/14	0.82	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Dieldrin	12/01/07 - 11/30/14	0.71	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endosulfan 1 (alpha)	12/01/07 - 11/30/14	0.03	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endosulfan 2 (beta)	12/01/07 - 11/30/14	0.03	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endosulfan sulfate	12/01/07 - 11/30/14	0.03	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endrin	12/01/07 - 11/30/14	0.04	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.16	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Heptachlor	12/01/07 - 11/30/14	0.05	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	133	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	118	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/01/07 - 11/30/14	15.10	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Phenanthrene	12/01/07 - 11/30/14	7.70	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/07 - 11/30/14	564	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Silver (ionic)	12/01/07 - 11/30/14	2	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Toxaphene	12/01/07 - 11/30/14	0.21	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	92.70	14		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/01/07 - 11/30/14	12	1	3.02	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	78	14	24.82	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	8.75	14	2.09	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Chlordane	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Chronic Toxic Substances in water	Chloropyrifos (Dursban)	12/01/07 - 11/30/14	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	3.60	11	2.74	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	DDT	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Demeton	12/01/07 - 11/30/14	0.10	1	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Diazinon	12/01/07 - 11/30/14	0.82	1	0.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Dieldrin	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endosulfan 1 (alpha)	12/01/07 - 11/30/14	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endosulfan 2 (beta)	12/01/07 - 11/30/14	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endosulfan sulfate	12/01/07 - 11/30/14	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endrin	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Guthion	12/01/07 - 11/30/14	0.01	1	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Heptachlor	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	5.30	14	1.27	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Malathion	12/01/07 - 11/30/14	0.01	1	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Methoxychlor	12/01/07 - 11/30/14	0.03	1	0.02	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Mirex	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	13.10	14	3.53	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/07 - 11/30/14	9.60	1	3.02	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/07 - 11/30/14	4.60	1	2.30	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/07 - 11/30/14	136	14	4.80	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Toxaphene	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	84.20	14	3.54	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	27		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	27		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	13		0		AD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	3		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	14		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	14		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	14		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	14		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	12		0		AD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	11	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/07 - 11/30/14	12,760	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	14	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	14	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	14	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	9	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	14	0	AD	NC	<input type="checkbox"/>	NC				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	19 9.76	0	LD	NC	<input type="checkbox"/>	NC		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	27	0	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	27	0	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	28	1 0.43	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	27	6 18.42	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	27	3 0.23	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	22	1 0.30	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	27	0	AD	FS	<input type="checkbox"/>	FS		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	14	4 1.09		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	14 4.38		AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

AUID: 2453\_03 Chocolate Bay area

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2453\_03      Chocolate Bay area

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	3		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	14		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	14		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	14		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	13		0		AD	NC	<input type="checkbox"/>	NC		



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2453\_03      Chocolate Bay area

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	14	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	11	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/07 - 11/30/14	12,760	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	14	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	14	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	14	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	9	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	12	0		AD	NC	<input type="checkbox"/>	NC			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2453\_03      Chocolate Bay area

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	14		0		AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	14	1.09			AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	14	4.38			AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2453A      Garcitas Creek Tidal**

**AUID: 2453A\_01**      From the Lavaca Bay confluence to a point 13.7 km (8.5 mi) upstream of FM 616

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b	

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2453C**      **Arenosa Creek**

**AUID: 2453C\_01**      From Garcitas Creek confluence upstream to J-2 Ranch Road

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/07 - 11/30/14				ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	5b

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2453D**    **Lavaca Bay Ship Channel Area**

**AUID: 2453D\_01**    Lavaca Bay Ship Channel Area

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2453D\_01 Lavaca Bay Ship Channel Area

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	149	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	40	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	13.50	10		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	133	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	118	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Selenium	12/01/07 - 11/30/14	564	12		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Silver (ionic)	12/01/07 - 11/30/14	2	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	92.70	13		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	78	13	23.27	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	8.75	13	2.03	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	3.60	10	4.18	1		AD	NS	<input type="checkbox"/>	NS	copper in water	5c
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	5.30	13	1.16	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	13.10	13	3.65	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Selenium	12/01/07 - 11/30/14	136	12	5.15	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	84.20	13	4.54	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3					ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	28		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	28		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	12		0		AD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2453D\_01 Lavaca Bay Ship Channel Area

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	8	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	11	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	12	0	AD	NC	<input type="checkbox"/>	NC				

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2453D\_01 Lavaca Bay Ship Channel Area

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/07 - 11/30/14	12,760	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	12		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	18	7.28	0		LD	NC	<input type="checkbox"/>	NC		



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2453D\_01 Lavaca Bay Ship Channel Area

<b>General Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	27		3	0.14	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	26		5	19.72	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	25		1	0.24	AD	NC	<input type="checkbox"/>	NC		
<b>Fish Consumption Use</b>													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Advisories, Closures, and Risk Assessments	Aquatic Life Closure	12/01/07 - 11/30/14						OE	NA	<input checked="" type="checkbox"/>	NS	mercury in fish and crab tissue	4b
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	13	1.01	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	13	4.56	0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2453OW** Lavaca Bay/Chocolate Bay (Oyster Waters)

**AUID: 2453OW\_01** Center portion of bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual		Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2453OW\_02 North-northeastern portion of the bay near Point Comfort

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2453OW\_03 Chocolate Bay area

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			TCEQ Cause	Cat	
				#	Value	#	Value	Qual	LOS	CF			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	5a

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2454**

**Cox Bay**

**AUID: 2454\_01**

North end of bay near Cox Creek

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2454\_01      North end of bay near Cox Creek

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	3		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	13		0		AD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2454\_01      North end of bay near Cox Creek

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/01/07 - 11/30/14	12,760	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	11	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	9	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	13	0	AD	NC	<input type="checkbox"/>	NC				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2454\_01      North end of bay near Cox Creek

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	13		0		AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	13	1.12			AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	13	4.61			AD	FS	<input type="checkbox"/>	FS		



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

AUID: 2454\_02      Remainder of Cox Bay

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2454\_02      Remainder of Cox Bay

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	149	13		0	AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	40	13		0	AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	13.50	10		0	AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	133	13		0	AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	118	13		0	AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Selenium	12/01/07 - 11/30/14	564	12		0	AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Silver (ionic)	12/01/07 - 11/30/14	2	13		0	AD	FS	<input type="checkbox"/>	FS			
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	92.70	13		0	AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	78	13	23.25	0	AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	8.75	13	2.15	0	AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	3.60	10	4.24	1	AD	NS	<input type="checkbox"/>	NS	copper in water	5c	
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	5.30	13	1.32	0	AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	13.10	13	3.69	0	AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Selenium	12/01/07 - 11/30/14	136	12	4.63	0	AD	FS	<input type="checkbox"/>	FS			
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	84.20	13	4.62	0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	28		0	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	28		0	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	13		0	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	13		0	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	13		0	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	13		0	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	13		0	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	12		0	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	12		0	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	3		0	ID	NA	<input type="checkbox"/>	NA			
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	8		0	LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	13		0	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	13		0	AD	NC	<input type="checkbox"/>	NC			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2454\_02

Remainder of Cox Bay

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/01/07 - 11/30/14	12,760	12		0		AD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2454\_02      Remainder of Cox Bay

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	13		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	20	8.33	0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2454\_02      Remainder of Cox Bay

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed #</b>	<b>Data Assessed Value</b>	<b>Exceedances #</b>	<b>Exceedances Value</b>	<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
High pH	pH	12/01/07 - 11/30/14	9	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	27		2	0.14	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	26		7	16.19	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	26		1	0.27	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	28		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed #</b>	<b>Data Assessed Value</b>	<b>Exceedances #</b>	<b>Exceedances Value</b>	<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	13	1.12	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	13	4.61	0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2454A**      **Cox Lake**

**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

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	28	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	28	5 4.07	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	E. coli	12/01/07 - 11/30/14	126	6 14.10	0	LD	NC	<input type="checkbox"/>	NC		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Reservoir Narrative Criteria	Nutrients	12/01/07 - 11/30/14				AD	CS	<input type="checkbox"/>	CS	excessive algal growth	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2454OW Cox Bay (Oyster Waters)**

**AUID: 2454OW\_01** North end of bay near Cox Creek

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2454OW\_02 Remainder of Cox Bay

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2455**

**Keller Bay**

**AUID: 2455\_02**

Remainder of Keller Bay

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	28		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	28		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	20	8.98	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	27		2	0.15	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	26		4	14.23	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	26		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	26		1	0.43	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	28		0		AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2455OW Keller Bay (Oyster Waters)**

**AUID: 2455OW\_01 Upper arm**

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	5a	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2455OW\_02 Remainder of Keller Bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2456**

**Carancahua Bay**

**AUID: 2456\_02**

Upper half of bay

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	28		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	28		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	17	88.10	1		LD	CN	<input checked="" type="checkbox"/>	NS	bacteria	5a

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	27		2	0.16	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	26		21	27.00	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	27		3	0.35	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	22		12	0.36	AD	CS	<input type="checkbox"/>	CS	total phosphorus	
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	28		0		AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2456A**

**West Carancahua Creek Tidal**

**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

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen 24hr average	Dissolved Oxygen 24hr Avg	12/01/07 - 11/30/14	4	1	0		ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14	3	1	0		ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5c	
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	2	0		SM	NA	<input type="checkbox"/>	NA			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	2	0		SM	CS	<input type="checkbox"/>	NA			

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	2	0		ID	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	2	0		ID	NA	<input checked="" type="checkbox"/>	CS	chlorophyll-a		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	2	0		ID	NA	<input type="checkbox"/>	NA			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	2	0		ID	NA	<input type="checkbox"/>	NA			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2456OW Carancahua Bay (Oyster Waters)**

**AUID: 2456OW\_01** Lower portion of bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2456OW\_02 Upper portion of bay and shoreline area

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			TCEQ Cause	Cat	
				#	Value	#	Value	Qual	LOS	CF			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2461**

**Espiritu Santo Bay**

**AUID: 2461\_01**

**Espiritu Santo Bay**

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	56		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	56		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	44	6.81	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	56		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	56		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	55		1	0.11	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	49		3	16.97	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	55		3	0.38	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	48		1	0.25	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	56		0		AD	FS	<input type="checkbox"/>	FS		



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2461OW**    **Espiritu Santo Bay (Oyster Waters)**

**AUID: 2461OW\_01**    **Espiritu Santo Bay (Oyster Waters)**

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2462**

**San Antonio Bay/Hynes Bay/Guadalupe Bay/Mission Lake**

**AUID: 2462\_01**

San Antonio Bay/Hynes Bay/Guadalupe Bay/Mision Lake at the mean high tide line

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	56	1 3.60	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	56	5 4.38	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	5	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	5	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	5	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	5	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	5	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	6	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	5	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	5	0	LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	5	0	LD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	50 11.33	0	AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	56	0	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	56	0	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	56	11 0.17	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	53	17 18.64	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	56	3 0.51	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	53	6 0.32	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	56	0	AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2462OW** San Antonio Bay/Hynes Bay/Guadalupe Bay/Mission Lake (Oyster Waters)

**AUID: 2462OW\_01** Guadalupe Bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	5a	

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2462OW\_02 Hynes Bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2462OW\_03 San Antonio Bay shoreline area

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2462OW\_04 Remainder of San Antonio Bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data		Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2463**

**Mesquite Bay/Carlos Bay/Ayres Bay**

**AUID: 2463\_01**

Mesquite Bay/Carlos Bay/Ayres Bay

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	28		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	28		0		AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	23	7.05	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	27		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	25		1	17.70	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	26		1	0.21	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	28		0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2463OW Mesquite Bay/Carlos Bay/Ayres Bay (Oyster Waters)**

**AUID: 2463OW\_01 Western shoreline**

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA			



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2463OW\_02 Remainder of Mesquite Bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2471**

**Aransas Bay**

**AUID: 2471\_01**

**Aransas Bay**

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	56	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	56	0	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	35 6.05	0	AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	56	0	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	56	0	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	56	4 0.15	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	56	1 13.60	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	54	1 4.73	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	45	0	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	56	0	AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2471A**      **Little Bay**

**AUID: 2471A\_01**      Located between Aransas Bay (Segment 2471) on the east side and Broadway Street in Rockport on the west side and Rockport Beach on the south side in Aransas Cour

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	29	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	29	0		AD	NC	<input type="checkbox"/>	NC				

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	17    15.78	0		LD	NC	<input type="checkbox"/>	NC				

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	27	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	27	18    17.69		AD	CS	<input type="checkbox"/>	CS	chlorophyll-a			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	28	2    0.43		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	23	0		AD	NC	<input type="checkbox"/>	NC				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2471OW Aransas Bay (Oyster Waters)**

**AUID: 2471OW\_01** Western shoreline

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2471OW\_02 Remainder of bay

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data		Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2471RB    Rockport (Recreational Beaches)**

**AUID: 2471RB\_01    Rockport Beach Park (Beach ID TX748844)**

**Recreational Beaches**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		307		57	18.57	OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2472**

**Copano Bay/Port Bay/Mission Bay**

**AUID: 2472\_01**

Mission Bay, Aransas River arm, Port Bay, and eastern shoreline

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	113		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	113		3	4.32	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	109	11.78	0		AD	FS	<input type="checkbox"/>	FS		

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	113		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	113		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	112		12	0.26	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	109		9	14.52	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	110		5	0.63	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	108		3	0.34	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	115		0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2472\_02 Copano Bay

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	28	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	28	0		AD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	23	5.71	0	AD	FS	<input type="checkbox"/>	FS			

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
High pH	pH	12/01/07 - 11/30/14	9	28	0		AD	FS	<input type="checkbox"/>	FS			
Low pH	pH	12/01/07 - 11/30/14	6.50	28	0		AD	FS	<input type="checkbox"/>	FS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	28	3	0.18	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	25	2	42.15	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	26	1	0.32	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	24	1	0.23	AD	NC	<input type="checkbox"/>	NC			
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	28	0		AD	FS	<input type="checkbox"/>	FS			



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2472OW Copano Bay/Port Bay/Mission Bay (Oyster Waters)**

**AUID: 2472OW\_01** Mission Bay, Aransas River arm, Port Bay, and eastern shoreline

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	5c	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2472OW\_02 Copano Bay

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data		Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS		
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2473**

**St. Charles Bay**

**AUID: 2473\_01**

**St. Charles Bay**

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	28	1 3.70	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	28	4 4.43	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	23 6.57	0	AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	28	0	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	28	0	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	27	2 0.22	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	27	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	27	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	24	0	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	28	0	AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2473OW St. Charles Bay (Oyster Waters)**

**AUID: 2473OW\_01** Remainder of Bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2473OW\_02 Southwest corner of St Charles Bay

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**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

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**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

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	149	13		1	206.00	AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	40	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	13.50	11		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	133	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	118	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Selenium	12/01/07 - 11/30/14	564	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Silver (ionic)	12/01/07 - 11/30/14	2	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	92.70	14		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	78	13	41.08	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	8.75	13	2.54	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	3.60	11	3.33	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	5.30	13	2.12	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	13.10	14	3.43	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Selenium	12/01/07 - 11/30/14	136	13	5.03	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	84.20	14	4.31	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	83		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	83		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	12		0		AD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/01/07 - 11/30/14	12,760	12		0		AD	NC	<input type="checkbox"/>	NC		



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**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

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	7		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	13		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	60	6.70	0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**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

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
High pH	pH	12/01/07 - 11/30/14	9	84		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	84		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	80		3	0.22	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	75		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	76		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	73		1	0.52	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	84		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	13	1.83	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	14	3.85	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - 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 Demi

# 2016 Texas Integrated Report - 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 Demi

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	28	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	28	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	2	0		ID	NA	<input type="checkbox"/>	NA			
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	8	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	8	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	12	0		AD	NC	<input type="checkbox"/>	NC			

## 2016 Texas Integrated Report - 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 Demi

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/07 - 11/30/14	12,760	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	7	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	12	0	AD	NC	<input type="checkbox"/>	NC				

## 2016 Texas Integrated Report - 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 Demi

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	13		0		AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	20	6.31	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/07 - 11/30/14	9	28		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	28		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	26		1	0.14	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	25		1	12.40	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	25		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	24		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	28		0		AD	FS	<input type="checkbox"/>	FS		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	13	1.83	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	14	3.85	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**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

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	56	0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	56	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	2	0		ID	NA	<input type="checkbox"/>	NA			
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	8	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	8	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	13	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	12	0		AD	NC	<input type="checkbox"/>	NC			



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**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

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/07 - 11/30/14	12,760	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	7	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	12	0	AD	NC	<input type="checkbox"/>	NC				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**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

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	12	0	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	12	0	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	13	0	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	43 7.97	0	AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	56	0	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	56	0	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	55	1 0.73	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	56	7 14.96	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	53	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	49	0	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	56	0	AD	FS	<input type="checkbox"/>	FS		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	13 1.83	0	AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	14 3.85	0	AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	13		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	12		0		AD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/07 - 11/30/14	12,760	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	13	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	7	0	LD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	12	0	AD	NC	<input type="checkbox"/>	NC				
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	12	0	AD	NC	<input type="checkbox"/>	NC				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	13		0		AD	NC	<input type="checkbox"/>	NC		

### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	13	1.83	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	14	3.85	0		AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2481CB**    **Corpus Christi Bay (Recreational Beaches)**

**AUID: 2481CB\_01**    Corpus Christi Marina (Beach ID TX305317)

**Recreational Beaches**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		309		60	19.42	OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2481CB\_02 Corpus Christi Beach - Main (Beach ID TX546628)

### Recreational Beaches

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		275		25	9.09	OE	FS	<input type="checkbox"/>	FS			



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2481CB\_03 Cole Park (Beach ID TX259473)

### Recreational Beaches

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		435		190	43.68	OE	NS	<input type="checkbox"/>	NS	bacteria	5a	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2481CB\_04 Ropes Park (Beach ID TX821303)

### Recreational Beaches

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			TCEQ Cause	Cat	
				#	Value	#	Value	Qual	LOS	CF			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		398		156	39.20	OE	NS	<input type="checkbox"/>	NS	bacteria	5a

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2481CB\_05 McGee Beach (Beach ID TX536781)

### Recreational Beaches

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		290		42	14.48	OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2481CB\_06 Poenisch Park (Beach ID TX682648)

### Recreational Beaches

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		328		82	25.00	OE	NS	<input type="checkbox"/>	NS	bacteria	5a	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2481CB\_07 Emerald Beach (TX199413)

### Recreational Beaches

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		285		38	13.33	OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2481CB\_08 University Beach (Beach ID TX149569)

### Recreational Beaches

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		284		35	12.32	OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2481CB\_09 Packery Channel Park (Beach ID TX227625)

**Recreational Beaches**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		252		6	2.38	OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2481OW**    **Corpus Christi Bay (Oyster Waters)**

**AUID: 2481OW\_01**    Shoreline area

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #    Value	Exceedances #    Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14				OE	NA	<input type="checkbox"/>	NA		



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2481OW\_02 Remainder of Corpus Christi Bay

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual		Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2482**

**Nueces Bay**

**AUID: 2482\_01**

Nueces Bay

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2482\_01 Nueces Bay

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	149	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	40	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	13.50	11		3	17.67	AD	NS	<input type="checkbox"/>	NS	copper in water	5c
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	133	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	118	13		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Selenium	12/01/07 - 11/30/14	564	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Silver (ionic)	12/01/07 - 11/30/14	2	14		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	29	25		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	78	13	32.35	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	8.75	14	2.71	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	3.60	11	7.37	1		AD	NS	<input type="checkbox"/>	NS	copper in water	5c
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	5.30	14	1.81	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	13.10	13	3.27	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Selenium	12/01/07 - 11/30/14	136	14	8.30	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	84.20	25	3.19	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	96		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	96		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	3		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	6		0		LD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2482\_01 Nueces Bay

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	3		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/07 - 11/30/14	12,760	6		0		LD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2482\_01 Nueces Bay

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	6		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	4		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	5		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	18		0		AD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	66	11.08	0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2482\_01 Nueces Bay

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed #</b>	<b>Data Assessed Value</b>	<b>Exceedances #</b>	<b>Exceedances Value</b>	<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
High pH	pH	12/01/07 - 11/30/14	9	96		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	96		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	84		7	0.24	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	79		22	17.33	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	81		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	69		5	0.35	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	96		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed #</b>	<b>Data Assessed Value</b>	<b>Exceedances #</b>	<b>Exceedances Value</b>	<b>Data Qual</b>	<b>LOS</b>	<b>CF</b>	<b>Int LOS</b>	<b>TCEQ Cause</b>	<b>Cat</b>
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	14	1.48	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	13	3.73	0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2482NB**    **Nueces Bay (Recreational Beaches)**

**AUID: 2482NB\_01**    Nueces Bay Causeway # 3 (Beach ID TX 139394)

**Recreational Beaches**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		276		25	9.06	OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2482OW Nueces Bay (Oyster Waters)**

**AUID: 2482OW\_01 Nueces Bay (Oyster Waters)**

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	zinc in oyster tissue	4a	



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2483**

**Redfish Bay**

**AUID: 2483\_01**

**Redfish Bay**

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	29	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	29	0	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	28 5.80	0	AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	29	0	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	29	0	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	28	1 0.27	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	28	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	28	1 1.31	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	28	0	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	29	0	AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2483A**

**Conn Brown Harbor**

**AUID: 2483A\_01** From the Aransas Channel confluence southeast of Aransas Pass to a point 1.6 km (1 mi) northeast

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	149	4		0	LD	NC	<input type="checkbox"/>	NC				
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	40	6		0	LD	NC	<input type="checkbox"/>	NC				
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	13.50	2		0	ID	NA	<input checked="" type="checkbox"/>	CN	copper in water			
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	133	6		0	LD	NC	<input type="checkbox"/>	NC				
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	118	6		0	LD	NC	<input type="checkbox"/>	NC				
Acute Toxic Substances in water	Selenium	12/01/07 - 11/30/14	564	6		0	LD	NC	<input type="checkbox"/>	NC				
Acute Toxic Substances in water	Silver (ionic)	12/01/07 - 11/30/14	2	6		0	LD	NC	<input type="checkbox"/>	NC				
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	92.70	6		0	LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	78	4	21.44	0	LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	8.75	6	1.80	0	LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	3.60	2	4.70	1	ID	NA	<input checked="" type="checkbox"/>	CN	copper in water			
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	5.30	6	1.35	0	LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	13.10	6	2.50	0	LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Selenium	12/01/07 - 11/30/14	136	6	0.13	0	LD	NC	<input type="checkbox"/>	NC				
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	84.20	6	2	0	LD	NC	<input type="checkbox"/>	NC				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	28		0	AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	28		0	AD	NC	<input type="checkbox"/>	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	28	10.08	0	AD	FS	<input type="checkbox"/>	FS				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2483A\_01 From the Aransas Channel confluence southeast of Aransas Pass to a point 1.6 km (1 mi) northeast

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	28		2	0.26	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	28		2	15.95	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	28		1	0.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	28		0		AD	NC	<input type="checkbox"/>	NC		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	6	1.16	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	6	2.50	0		LD	NC	<input type="checkbox"/>	NC		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2483OW Redfish Bay (Oyster Waters)**

**AUID: 2483OW\_01 Redfish Bay (Oyster Waters)**

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2483RB Redfish Bay (Recreational Beaches)**

**AUID: 2483RB\_01 Lighthouse Lake (Beach ID TX538780)**

**Recreational Beaches**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		225		6	2.67	OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2484**

**Corpus Christi Inner Harbor**

**AUID: 2484\_01**

Corpus Christi Inner Harbor - from US 181 to Viola Turning Basin

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID: 2484\_01** Corpus Christi Inner Harbor - from US 181 to Viola Turning Basin

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Acute Toxic Substances in water	2,4,5-Trichlorophenol	12/01/07 - 11/30/14	259	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Aldrin	12/01/07 - 11/30/14	1.30	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	149	28		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	40	28		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Chlordane	12/01/07 - 11/30/14	0.09	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Chlorpyrifos (Dursban)	12/01/07 - 11/30/14	0.01	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	13.50	24		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	DDT	12/01/07 - 11/30/14	0.13	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Diazinon	12/01/07 - 11/30/14	0.82	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Dieldrin	12/01/07 - 11/30/14	0.71	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endosulfan 1 (alpha)	12/01/07 - 11/30/14	0.03	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endosulfan 2 (beta)	12/01/07 - 11/30/14	0.03	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endosulfan sulfate	12/01/07 - 11/30/14	0.03	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Endrin	12/01/07 - 11/30/14	0.04	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.16	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Heptachlor	12/01/07 - 11/30/14	0.05	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	133	28		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	118	26		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Pentachlorophenol (PCP)	12/01/07 - 11/30/14	15.10	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Phenanthrene	12/01/07 - 11/30/14	7.70	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Selenium	12/01/07 - 11/30/14	564	27		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Silver (ionic)	12/01/07 - 11/30/14	2	27		0		AD	FS	<input type="checkbox"/>	FS		
Acute Toxic Substances in water	Toxaphene	12/01/07 - 11/30/14	0.21	1		0		ID	NA	<input type="checkbox"/>	NA		
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	92.70	50		0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	2,4,5-Trichlorophenol	12/01/07 - 11/30/14	12	1	3.19	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	78	28	28.35	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	8.75	28	2.48	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Chlordane	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID: 2484\_01** Corpus Christi Inner Harbor - from US 181 to Viola Turning Basin

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Chronic Toxic Substances in water	Chloropyrifos (Dursban)	12/01/07 - 11/30/14	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	3.60	24	4.07	1		AD	NS	<input type="checkbox"/>	NS	copper in water	5c
Chronic Toxic Substances in water	DDT	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Demeton	12/01/07 - 11/30/14	0.10	1	0.05	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Diazinon	12/01/07 - 11/30/14	0.82	1	0.25	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Dieldrin	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endosulfan 1 (alpha)	12/01/07 - 11/30/14	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endosulfan 2 (beta)	12/01/07 - 11/30/14	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endosulfan sulfate	12/01/07 - 11/30/14	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Endrin	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Guthion	12/01/07 - 11/30/14	0.01	1	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Heptachlor	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	5.30	28	1.52	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Malathion	12/01/07 - 11/30/14	0.01	1	0.01	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Methoxychlor	12/01/07 - 11/30/14	0.03	1	0.02	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Mirex	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	13.10	26	3.27	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Pentachlorophenol (PCP)	12/01/07 - 11/30/14	9.60	1	3.19	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Phenanthrene	12/01/07 - 11/30/14	4.60	1	2.30	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Selenium	12/01/07 - 11/30/14	136	27	5.91	0		AD	FS	<input type="checkbox"/>	FS		
Chronic Toxic Substances in water	Toxaphene	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	84.20	50	5.70	0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	2	108		0		AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	108		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	12		0		AD	NC	<input type="checkbox"/>	NC		



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2484\_01      Corpus Christi Inner Harbor - from US 181 to Viola Turning Basin

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	2		0		ID	NA	<input type="checkbox"/>	NA		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	12		1	1,570.00	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Arsenic	12/01/07 - 11/30/14	70	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	12		1	2,100.00	AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Cadmium	12/01/07 - 11/30/14	9.60	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chromium	12/01/07 - 11/30/14	370	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Copper	12/01/07 - 11/30/14	270	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	12		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	12		0		AD	NC	<input type="checkbox"/>	NC		

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**AUID:** 2484\_01      Corpus Christi Inner Harbor - from US 181 to Viola Turning Basin

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	12	1	615.00	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/01/07 - 11/30/14	12,760	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Lead	12/01/07 - 11/30/14	218	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Mercury	12/01/07 - 11/30/14	0.71	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nickel	12/01/07 - 11/30/14	51.60	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	12	1	3,610.00	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	12	1	4,600.00	AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Silver	12/01/07 - 11/30/14	3.70	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	8	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	12	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Zinc	12/01/07 - 11/30/14	410	36	0		AD	NC	<input type="checkbox"/>	NC			

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**AUID:** 2484\_01      Corpus Christi Inner Harbor - from US 181 to Viola Turning Basin

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	62	9.16	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
High pH	pH	12/01/07 - 11/30/14	9	108		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	108		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	79		31	0.17	AD	CS	<input type="checkbox"/>	CS	ammonia	
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	78		11	23.38	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	78		64	0.45	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	60		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	108		0		AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2484\_01      Corpus Christi Inner Harbor - from US 181 to Viola Turning Basin

## Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	1,2,4,5-Tetrachlorobenzene	12/01/07 - 11/30/14	0.71	1	0.36	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	2,4,5-Trichlorophenol	12/01/07 - 11/30/14	2,435	1	3.19	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	2,4-Dimethylphenol	12/01/07 - 11/30/14	571	1	2.66	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	3,3-Dichlorobenzidine	12/01/07 - 11/30/14	0.44	1	0.22	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Aldrin	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	alpha-BHC	12/01/07 - 11/30/14	0.09	1	0.03	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Benzidine	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Benzo(a)anthracene	12/01/07 - 11/30/14	3.28	1	1.64	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Benzo(a)pyrene	12/01/07 - 11/30/14	0.33	1	0.17	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	beta-BHC	12/01/07 - 11/30/14	0.33	1	0.03	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Bis(2-chloroethyl)ether	12/01/07 - 11/30/14	10.06	1	2.66	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	41	1	2.66	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Chlordane	12/01/07 - 11/30/14	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Chrysene	12/01/07 - 11/30/14	327	1	2.66	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Cresols	12/01/07 - 11/30/14	9,301	1	5.30	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	DDD	12/01/07 - 11/30/14	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	DDE	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	DDT	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Dicofol (Kelthane)	12/01/07 - 11/30/14	0.30	1	0.15	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Dieldrin	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Di-n-butyl phthalate	12/01/07 - 11/30/14	3,010	1	2.66	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Endrin	12/01/07 - 11/30/14	0.20	1	0.03	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	gamma-BHC (Lindane)	12/01/07 - 11/30/14	6.20	1	0.03	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Heptachlor	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Heptachlor epoxide	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Hexachlorobenzene (HCB)	12/01/07 - 11/30/14	0.00	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Hexachlorobutadiene (HCBD)	12/01/07 - 11/30/14	274	1	2.66	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Hexachloroethane	12/01/07 - 11/30/14	11.51	1	2.66	0		ID	NA	<input type="checkbox"/>	NA		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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### Fish Consumption Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	28	1.28	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	m-Dichlorobenzene	12/01/07 - 11/30/14	1,445	1	2.66	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Methoxychlor	12/01/07 - 11/30/14	1.61	1	0.13	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	26	4.19	0		AD	FS	<input type="checkbox"/>	FS		
HH Bioaccumulative Toxics in water	Nitrobenzene	12/01/07 - 11/30/14	1,853	1	2.66	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	N-Nitrosodiethylamine	12/01/07 - 11/30/14	2.10	1	1.05	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	N-Nitroso-di-n-butylamine	12/01/07 - 11/30/14	4.20	1	2.10	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	o-Dichlorobenzene	12/01/07 - 11/30/14	4,336	1	2.66	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Pentachlorobenzene	12/01/07 - 11/30/14	1	1	0.50	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Pentachlorophenol (PCP)	12/01/07 - 11/30/14	9.10	1	3.19	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Pyridine	12/01/07 - 11/30/14	947	1	2.66	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Silvex	12/01/07 - 11/30/14	21	1	0.27	0		ID	NA	<input type="checkbox"/>	NA		
HH Bioaccumulative Toxics in water	Toxaphene	12/01/07 - 11/30/14	0.01	1	0.00	0		ID	NA	<input type="checkbox"/>	NA		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2485**      **Oso Bay**

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	CS	chlorophyll-a	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	50		0		SM	FS	<input type="checkbox"/>	NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	50		1	4.60	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	28	27.91	0		AD	FS	<input type="checkbox"/>	FS		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	50		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	50		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	28		19	30.53	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	28		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	28		5	0.31	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	50		0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35			ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	4a

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14				ID	NA	<input checked="" type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14				ID	NA	<input checked="" type="checkbox"/>	CS	total phosphorus	



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2485A**      **Oso Creek**

**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

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	28		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	28		1	3.40	AD	NC	<input type="checkbox"/>	NC			

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	27	127.99	1		AD	NS	<input type="checkbox"/>	NS	bacteria	5a	

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	28		2	1.10	AD	NC	<input type="checkbox"/>	NC			
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	28		15	66.21	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	28		27	11.88	AD	CS	<input type="checkbox"/>	CS	nitrate		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	28		25	2.44	AD	CS	<input type="checkbox"/>	CS	total phosphorus		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2485B**      **Unnamed trib of Oso Creek**

**AUID: 2485B\_01**      From the Oso Creek confluence upstream to a point 5.2 km (3.2 mi) west of State Hwy 286

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	1		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	1		1	1.37	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	1		1	1.02	ID	NA	<input checked="" type="checkbox"/>	CS	total phosphorus	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2485D**      **West Oso Creek**

**AUID: 2485D\_01**      From the Oso Creek confluence upstream to a point 0.49 km (0.3 mi) west of FM 1694

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	1		0		ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	1		1	2.04	ID	NA	<input type="checkbox"/>	NA		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	1		0		ID	NA	<input checked="" type="checkbox"/>	CS	total phosphorus	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2485OW Oso Bay (Oyster Waters)**

**AUID: 2485OW\_01 Oso Bay**

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	5a	

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID:** 2491

**Laguna Madre**

**AUID:** 2491\_01

Upper portion of bay north of the Arroyo Colorado confluence

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	125	2	2.01	SM	FS	<input type="checkbox"/>		NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	125	9	4.03	AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	8	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	8	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	9	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	10	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	10	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	10	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	5	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	8	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	8	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	9	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	9	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	7	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	8	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	9	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	9	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	11	0		AD	NC	<input type="checkbox"/>		NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/01/07 - 11/30/14	12,760	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	7		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	9		0		LD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	73	9.29	0		AD	FS	<input type="checkbox"/>	FS		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	125		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	125		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	126		1	0.29	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	123		53	23.88	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	124		1	0.94	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	107		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	126		0		AD	FS	<input type="checkbox"/>	FS		



# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	CF			
Dissolved Oxygen 24hr minimum	Dissolved Oxygen 24hr Min	12/01/07 - 11/30/14						ID	NA	<input checked="" type="checkbox"/>	NS	depressed dissolved oxygen	5b
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	21	1	1.50	SM	FS	<input type="checkbox"/>		NA		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	21	1	1.50	AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	8	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	8	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	9	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	10	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	10	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	10	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	5	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	8	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	8	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	9	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	9	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	7	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	11	0		AD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	8	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	9	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	9	0		LD	NC	<input type="checkbox"/>		NC		
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	11	0		AD	NC	<input type="checkbox"/>		NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBd)	12/01/07 - 11/30/14	12,760	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	11		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	10		0		AD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	8		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	7		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	9		0		LD	NC	<input type="checkbox"/>	NC		
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	9		0		LD	NC	<input type="checkbox"/>	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	2	513.81	1		ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	5c

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Value	Exceedances #	Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	24		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	24		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	26		7	0.17	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	25		11	33.01	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	26		12	1.09	AD	CS	<input type="checkbox"/>	CS	nitrate	
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	18		4	0.37	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	24		0		AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	CF			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	52	3	1.93	AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	52	13	3.90	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen		
Toxic Substances in sediment	1,1,1-Trichloroethane	12/01/07 - 11/30/14	15,830	8	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,2,2-Tetrachloroethane	12/01/07 - 11/30/14	3,690	8	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,1,2-Trichloroethane	12/01/07 - 11/30/14	1,800	9	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,2,4-Trichlorobenzene	12/01/07 - 11/30/14	2,320	11	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,2-Dichloroethane	12/01/07 - 11/30/14	25,800	10	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,3-Dichlorobenzene	12/01/07 - 11/30/14	1,950	10	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	1,4-Dichlorobenzene	12/01/07 - 11/30/14	4,210	10	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	2-Methylnaphthalene	12/01/07 - 11/30/14	670	5	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	4-Methyl-2-Pentanone (MIBK)	12/01/07 - 11/30/14	272,060	11	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acenaphthene	12/01/07 - 11/30/14	500	11	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acenaphthylene	12/01/07 - 11/30/14	640	11	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acetone	12/01/07 - 11/30/14	1,003,360	8	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Acrylonitrile	12/01/07 - 11/30/14	1,040	8	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Anthracene	12/01/07 - 11/30/14	1,100	11	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzene	12/01/07 - 11/30/14	45,010	9	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzo(a)anthracene	12/01/07 - 11/30/14	1,600	11	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Benzo(a)pyrene	12/01/07 - 11/30/14	1,600	11	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Bis(2-ethylhexyl)phthalate	12/01/07 - 11/30/14	2,647	11	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Bromoform	12/01/07 - 11/30/14	10,670	9	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Carbon tetrachloride	12/01/07 - 11/30/14	37,330	7	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chlordane	12/01/07 - 11/30/14	4.79	11	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chlorobenzene	12/01/07 - 11/30/14	19,870	8	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chloroform	12/01/07 - 11/30/14	25,800	9	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chloromethane	12/01/07 - 11/30/14	52,430	9	0		LD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	Chrysene	12/01/07 - 11/30/14	2,800	11	0		AD	NC	<input type="checkbox"/>	NC			
Toxic Substances in sediment	DDD	12/01/07 - 11/30/14	7.81	11	0		AD	NC	<input type="checkbox"/>	NC			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

## Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Toxic Substances in sediment	DDE	12/01/07 - 11/30/14	374	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	DDT	12/01/07 - 11/30/14	4.77	8		0		LD	NC	☐	NC		
Toxic Substances in sediment	Dibenz(a,h)anthracene	12/01/07 - 11/30/14	260	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Dieldrin	12/01/07 - 11/30/14	4.30	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Ethylbenzene	12/01/07 - 11/30/14	3,930	8		0		LD	NC	☐	NC		
Toxic Substances in sediment	Fluoranthene	12/01/07 - 11/30/14	5,100	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Fluorene	12/01/07 - 11/30/14	540	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	gamma-BHC (Lindane)	12/01/07 - 11/30/14	0.99	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Hexachlorobutadiene (HCBD)	12/01/07 - 11/30/14	12,760	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Hexachloroethane	12/01/07 - 11/30/14	13,770	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Methylene chloride	12/01/07 - 11/30/14	22,910	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Naphthalene	12/01/07 - 11/30/14	2,100	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Nitrobenzene	12/01/07 - 11/30/14	161,060	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	o-Dichlorobenzene	12/01/07 - 11/30/14	4,440	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	PCBs	12/01/07 - 11/30/14	180	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Phenanthrene	12/01/07 - 11/30/14	1,500	11		0		AD	NC	☐	NC		
Toxic Substances in sediment	Pyrene	12/01/07 - 11/30/14	2,600	10		0		AD	NC	☐	NC		
Toxic Substances in sediment	Styrene	12/01/07 - 11/30/14	22,310	8		0		LD	NC	☐	NC		
Toxic Substances in sediment	Tetrachloroethene	12/01/07 - 11/30/14	18,590	7		0		LD	NC	☐	NC		
Toxic Substances in sediment	Toluene	12/01/07 - 11/30/14	5,660	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Trichloroethene	12/01/07 - 11/30/14	8,820	9		0		LD	NC	☐	NC		
Toxic Substances in sediment	Xylene	12/01/07 - 11/30/14	7,470	9		0		LD	NC	☐	NC		

## Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	6	62.38	1		LD	CN	☐	CN	bacteria	

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

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

General Use													
Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	53		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	53		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	51		4	0.14	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	48		3	30.17	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	49		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	34		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	54		0		AD	FS	<input type="checkbox"/>	FS		



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2491B**

**North Floodway**

**AUID: 2491B\_01**

From 0.04 miles north of Campacuas Lake and 0.32 miles west of FM 491 (Mercedes, TX) to the confluence with Lower Laguna Madre (tidal flats)

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	2	10	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	10	0		AD	NC	<input type="checkbox"/>	NC				

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.46	10	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	21	10	9	46.87	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.10	10	10	3.17	AD	CS	<input type="checkbox"/>	CS	nitrate			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.66	7	0		LD	NC	<input type="checkbox"/>	NC				

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2491OW Laguna Madre (Oyster Waters)**

**AUID: 2491OW\_01** Upper portion of the bay north of Port Mansfield Channel

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2491OW\_02 Area adjacent to the Arroyo Colorado confluence

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			TCEQ Cause	Cat	
				#	Value	#	Value	Qual	LOS	CF			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NS	<input type="checkbox"/>	NS	bacteria (oyster waters)	5c

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2491OW\_03 Lower portion of the bay south of the Port Mansfield Channel

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int LOS	TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA		

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2491OW\_04 ICWW from Port Mansfield to Brownsville and shoreline area

### Oyster Waters Use

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2491UL Upper Laguna Madre (Recreational Beaches)**

**AUID: 2491UL\_01 JFK Causeway - SW (Beach ID TX442541)**

**Recreational Beaches**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		293		46	15.70	OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2491UL\_02 Laguna Shores (Beach ID TX937228)

### Recreational Beaches

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		262		33	12.60	OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2492**

**Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada**

**AUID: 2492\_01**

**Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada**

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Acute Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	149	7		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	40	8		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Copper	12/01/07 - 11/30/14	13.50	5		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Lead	12/01/07 - 11/30/14	133	8		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Nickel	12/01/07 - 11/30/14	118	8		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Selenium	12/01/07 - 11/30/14	564	8		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Silver (ionic)	12/01/07 - 11/30/14	2	8		0		LD	NC	<input type="checkbox"/>	NC			
Acute Toxic Substances in water	Zinc	12/01/07 - 11/30/14	92.70	8		0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Arsenic	12/01/07 - 11/30/14	78	7	35.97	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Cadmium	12/01/07 - 11/30/14	8.75	8	2.80	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Copper	12/01/07 - 11/30/14	3.60	5	3.24	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Lead	12/01/07 - 11/30/14	5.30	8	1.72	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Nickel	12/01/07 - 11/30/14	13.10	8	2.50	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Selenium	12/01/07 - 11/30/14	136	8	0.13	0		LD	NC	<input type="checkbox"/>	NC			
Chronic Toxic Substances in water	Zinc	12/01/07 - 11/30/14	84.20	8	2	0		LD	NC	<input type="checkbox"/>	NC			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	56		0		AD	FS	<input type="checkbox"/>	FS			
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	56		0		AD	NC	<input type="checkbox"/>	NC			

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	44	10.43	0		AD	FS	<input type="checkbox"/>	FS			



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2492\_01      Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada

<b>General Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
High pH	pH	12/01/07 - 11/30/14	9	56		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	56		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	52		2	0.26	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	54		47	30.21	AD	CS	<input type="checkbox"/>	CS	chlorophyll-a	
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	54		0		AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	43		0		AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	56		0		AD	FS	<input type="checkbox"/>	FS		
<b>Fish Consumption Use</b>													
<b>Method</b>	<b>Parameter</b>	<b>Period of Record</b>	<b>Criteria</b>	<b>Data Assessed</b>		<b>Exceedances</b>		<b>Data</b>			<b>Int</b>	<b>TCEQ Cause</b>	<b>Cat</b>
				<b>#</b>	<b>Value</b>	<b>#</b>	<b>Value</b>	<b>Qual</b>	<b>LOS</b>	<b>CF</b>	<b>LOS</b>		
HH Bioaccumulative Toxics in water	Lead	12/01/07 - 11/30/14	3.83	8	1.38	0		LD	NC	<input type="checkbox"/>	NC		
HH Bioaccumulative Toxics in water	Nickel	12/01/07 - 11/30/14	1,140	8	2.50	0		LD	NC	<input type="checkbox"/>	NC		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2492A**

**San Fernando Creek**

**AUID: 2492A\_01** From the Cayo Del Grullo confluence in Kleberg County upstream to the confluence with Chiltipin Creek and San Diego Creek in Jim Wells County

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	30	0		AD	FS	<input type="checkbox"/>	FS				
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	30	0		AD	NC	<input type="checkbox"/>	NC				

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Bacteria Geomean	E. coli	12/01/07 - 11/30/14	126	21 469.62	1		AD	NS	<input type="checkbox"/>	NS	bacteria		5c	

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.33	29	0		AD	NC	<input type="checkbox"/>	NC				
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	14.10	25	17 32.39		AD	CS	<input type="checkbox"/>	CS	chlorophyll-a			
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	1.95	30	14 3.66		AD	CS	<input type="checkbox"/>	CS	nitrate			
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.69	29	29 2.12		AD	CS	<input type="checkbox"/>	CS	total phosphorus			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2492CG Cayo del Grullo Bay (Recreational Beaches)**

**AUID: 2492CG\_01 Kaufer-Hubert #3 (Beach ID TX289381)**

**Recreational Beaches**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		162		8	4.94	OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2492CG\_02 Kaufer-Hubert #2 (Beach ID TX339922)

### Recreational Beaches

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		162		11	6.79	OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2492CG\_03 Kaufer-Hubert #1 (Beach ID TX471201)

### Recreational Beaches

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		155		21	13.55	OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2492CG\_04 Riviera Beach Pier (Beach ID TX948394)

### Recreational Beaches

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
Texas Beach Watch Program Advisories	Enterococcus	12/01/07 - 11/30/14		153		12	7.84	OE	FS	<input type="checkbox"/>	FS			

## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2492OW**    **Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada (Oyster Waters)**

**AUID: 2492OW\_01**    Entire water body north of the boundary with Lower Laguna Madre

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			Int		TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF	LOS			
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**AUID:** 2492OW\_02 Area adjacent to boundary with Lower Laguna Madre

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data			TCEQ Cause	Cat
				#	Value	#	Value	Qual	LOS	CF		
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	NA	<input type="checkbox"/>	NA	



## 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2493**

**South Bay**

**AUID: 2493\_01**

**South Bay**

### Aquatic Life Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	50	0	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	50	2 4.45	AD	NC	<input type="checkbox"/>	NC		

### Recreation Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	3 76.13	1	ID	NA	<input type="checkbox"/>	NA		

### General Use

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	50	0	AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	50	0	AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	48	4 0.13	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	42	1 14.00	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	44	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	29	0	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	52	0	AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2493OW South Bay (Oyster Waters)**

**AUID: 2493OW\_01 South Bay (Oyster Waters)**

**Oyster Waters Use**

Method	Parameter	Period of Record	Criteria	Data Assessed		Exceedances		Data Qual			Int		TCEQ Cause	Cat
				#	Value	#	Value	LOS	CF	LOS				
DSHS Shellfish Harvesting Restrictions Maps	DSHS Shellfishing Restrictions	12/01/07 - 11/30/14						OE	FS	<input type="checkbox"/>	FS			

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2494**

**Brownsville Ship Channel**

**AUID: 2494\_01**

From the Laguna Madre confluence upstream to the Port of Brownsville

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	78		6	2.73	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	5	78		13	3.73	AD	CS	<input type="checkbox"/>	CS	depressed dissolved oxygen	

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	9	235.08	1		LD	CN	<input checked="" type="checkbox"/>	NS	bacteria	5c

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed #	Data Assessed Value	Exceedances #	Exceedances Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
High pH	pH	12/01/07 - 11/30/14	9	80		0		AD	FS	<input type="checkbox"/>	FS		
Low pH	pH	12/01/07 - 11/30/14	6.50	80		0		AD	FS	<input type="checkbox"/>	FS		
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	72		4	0.23	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	63		7	51.27	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	69		1	0.19	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	48		2	0.83	AD	NC	<input type="checkbox"/>	NC		
Water Temperature	Water temperature	12/01/07 - 11/30/14	35	81		0		AD	FS	<input type="checkbox"/>	FS		

# 2016 Texas Integrated Report - Assessment Results for Basin 24 - Bays and Estuaries

**SEGID: 2494A**

**Port Isabel Fishing Harbor**

**AUID: 2494A\_01** From the Laguna Madre confluence to 0.4 km (0.25 mi) south of SH 100 in Port Isabel

**Aquatic Life Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Dissolved Oxygen grab minimum	Dissolved Oxygen Grab	12/01/07 - 11/30/14	3	26	1 2.10	AD	FS	<input type="checkbox"/>	FS		
Dissolved Oxygen grab screening level	Dissolved Oxygen Grab	12/01/07 - 11/30/14	4	26	1 2.10	AD	NC	<input type="checkbox"/>	NC		

**Recreation Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Bacteria Geomean	Enterococcus	12/01/07 - 11/30/14	35	3 205.69	1	ID	NA	<input checked="" type="checkbox"/>	NS	bacteria	5c

**General Use**

Method	Parameter	Period of Record	Criteria	Data Assessed # Value	Exceedances # Value	Data Qual	LOS	CF	Int LOS	TCEQ Cause	Cat
Nutrient Screening Levels	Ammonia	12/01/07 - 11/30/14	0.10	25	2 0.14	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Chlorophyll-a	12/01/07 - 11/30/14	11.60	21	1 19.50	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Nitrate	12/01/07 - 11/30/14	0.17	23	0	AD	NC	<input type="checkbox"/>	NC		
Nutrient Screening Levels	Total Phosphorus	12/01/07 - 11/30/14	0.21	16	0	AD	NC	<input type="checkbox"/>	NC		