

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

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Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to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

Segment ID: 2411 Sabine Pass

Water body type: Estuary

Water body size: 2 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2411_01	Entire segment	221	30	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2411_01	Entire segment	221	30	0	5.00	AD	NC	NC		No
General Use												
High pH												
2008	pH	2411_01	Entire segment	225	31	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2411_01	Entire segment	225	31	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2411_01	Entire segment	34	34	4	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2411_01	Entire segment	33	33	2	11.60	AD	NC	NC		No
2008	Nitrate	2411_01	Entire segment	34	34	4	0.17	AD	NC	NC		No
2008	Orthophosphorus	2411_01	Entire segment	33	33	4	0.19	AD	NC	NC		No
2008	Total Phosphorus	2411_01	Entire segment	34	34	0	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2411_01	Entire segment	225	31	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2411_01	Entire segment					OE	NA	NA		No
2008	DSHS Shellfishing Restrictions	2411_OW1	Entire water body					OE	NA	NA		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2411_01	Entire segment	23	23	0	9.00	AD	FS	FS		No
Bacteria Single Sample												
2008	Enterococcus	2411_01	Entire segment	23	23	2	89.00	AD	FS	FS		No

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 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 2412 Sabine Lake

Water body type: Estuary

Water body size: 69 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2412_01	Entire segment	171	55	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2412_01	Entire segment	171	55	0	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2412_01	Entire segment	31	31			AD	NC	NC		No
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	2412_01	Entire segment					OE	FS	FS		No
General Use												
High pH												
2008	pH	2412_01	Entire segment	173	56	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2412_01	Entire segment	173	56	2	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2412_01	Entire segment	56	56	3	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2412_01	Entire segment	55	55	5	11.60	AD	NC	NC		No
2008	Nitrate	2412_01	Entire segment	56	56	3	0.17	AD	NC	NC		No
2008	Orthophosphorus	2412_01	Entire segment	55	55	3	0.19	AD	NC	NC		No
2008	Total Phosphorus	2412_01	Entire segment	56	56	1	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2412_01	Entire segment	218	100	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2412_01	Entire segment					OE	NA	NA		No
2008	DSHS Shellfishing Restrictions	2412_OW1	Entire water body					OE	NA	NA		No

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Segment ID: 2412 Sabine Lake

Water body type: Estuary

Water body size: 69 Sq. miles

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

Bacteria Geomean

2008	Enterococcus	2412_01	Entire segment	40	40	0	9.98	35.00	AD	FS	FS	No
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Bacteria Single Sample

2008	Enterococcus	2412_01	Entire segment	40	40	2		89.00	AD	FS	FS	No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 2421 Upper Galveston Bay

Water body type: Estuary

Water body size: 116 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	3	2			ID	NA	NA		No
2006	Multiple	2421_02	Western portion of the bay	8	8			LD	NC	NC		No
2006	Multiple	2421_03	Eastern portion of the bay	1	1			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	3	2			ID	NA	NA		No
2006	Multiple	2421_02	Western portion of the bay	8	8			LD	NC	NC		No
2006	Multiple	2421_03	Eastern portion of the bay	1	1			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	117	47	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2421_02	Western portion of the bay	310	118	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2421_03	Eastern portion of the bay	165	67	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	117	47	1	4.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2421_02	Western portion of the bay	310	118	2	4.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2421_03	Eastern portion of the bay	165	67	0	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	19	19	0		AD	NC	NC		No
2006	Multiple	2421_02	Western portion of the bay	19	19	0		AD	NC	NC		No
2006	Multiple	2421_03	Eastern portion of the bay	19	19	0		AD	NC	NC		No

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Segment ID: 2421 Upper Galveston Bay

Water body type: Estuary

Water body size: 116 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	PCBs	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	11	11	0	0.09	AD	NC	NC		No
2006	PCBs	2421_02	Western portion of the bay	11	11	0	0.09	AD	NC	NC		No
2006	PCBs	2421_03	Eastern portion of the bay	11	11	0	0.09	AD	NC	NC		No
DSHS Advisories, Closures, and Risk Assessments												
2008	Dioxin	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point					OE	NS	NS	5a	No
2008	PCBs	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point					OE	NS	NS	5a	No
2008	Risk Assess.- No Advisory	2421_02	Western portion of the bay					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2421_03	Eastern portion of the bay					OE	FS	FS		No
HH Bioaccumulative Toxics in water												
2006	Multiple	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	14	14			AD	FS	FS		No
2006	Multiple	2421_02	Western portion of the bay	14	14			AD	FS	FS		No
2006	Multiple	2421_03	Eastern portion of the bay	14	14			AD	FS	FS		No

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Segment ID: 2421 Upper Galveston Bay

Water body type: Estuary

Water body size: 116 Sq. miles

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General Use												
High pH												
2008	pH	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	119	47	0	9.00	AD	FS	FS		No
2008	pH	2421_02	Western portion of the bay	313	119	3	9.00	AD	FS	FS		No
2008	pH	2421_03	Eastern portion of the bay	165	67	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	119	47	0	6.50	AD	FS	FS		No
2008	pH	2421_02	Western portion of the bay	313	119	1	6.50	AD	FS	FS		No
2008	pH	2421_03	Eastern portion of the bay	165	67	0	6.50	AD	FS	FS		No

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Segment ID: 2421 Upper Galveston Bay

Water body type: Estuary

Water body size: 116 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
Nutrient Screening Levels												
2008	Ammonia	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	39	39	12	0.10	AD	CS	CS		No
2008	Ammonia	2421_02	Western portion of the bay	105	105	7	0.10	AD	NC	NC		No
2008	Ammonia	2421_03	Eastern portion of the bay	66	66	5	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	39	39	25	11.60	AD	CS	CS		No
2008	Chlorophyll-a	2421_02	Western portion of the bay	105	105	65	11.60	AD	CS	CS		No
2008	Chlorophyll-a	2421_03	Eastern portion of the bay	66	66	34	11.60	AD	CS	CS		No
2008	Nitrate	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	38	38	29	0.17	AD	CS	CS		No
2008	Nitrate	2421_02	Western portion of the bay	104	104	48	0.17	AD	CS	CS		No
2008	Nitrate	2421_03	Eastern portion of the bay	67	67	21	0.17	AD	CS	CS		No
2008	Orthophosphorus	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	37	37	9	0.19	AD	NC	NC		No
2008	Orthophosphorus	2421_02	Western portion of the bay	101	101	15	0.19	AD	NC	NC		No
2008	Orthophosphorus	2421_03	Eastern portion of the bay	65	65	5	0.19	AD	NC	NC		No
2008	Total Phosphorus	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	39	39	28	0.21	AD	CS	CS		No
2008	Total Phosphorus	2421_02	Western portion of the bay	104	104	57	0.21	AD	CS	CS		No
2008	Total Phosphorus	2421_03	Eastern portion of the bay	66	66	23	0.21	AD	CS	CS		No
Water Temperature												
2008	Temperature	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	193	121	0	35.00	AD	FS	FS		No
2008	Temperature	2421_02	Western portion of the bay	826	632	0	35.00	AD	FS	FS		No
2008	Temperature	2421_03	Eastern portion of the bay	386	288	0	35.00	AD	FS	FS		No

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Segment ID: 2421 Upper Galveston Bay

Water body type: Estuary

Water body size: 116 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
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Oyster Waters Use

DSHS Shellfish Harvesting Maps

2008	DSHS Shellfishing Restrictions	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2421_02	Western portion of the bay					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2421_03	Eastern portion of the bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2421_OW1	Entire western portion of the bay					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2421_OW2	Eastern portion of the bay					OE	FS	FS		No

Recreation Use

Bacteria Geomean

2008	Enterococcus	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	38	38	0	10.92	35.00	AD	FS	FS	No
2008	Enterococcus	2421_02	Western portion of the bay	79	79	0	8.80	35.00	AD	FS	FS	No
2008	Enterococcus	2421_03	Eastern portion of the bay	55	55	0	9.30	35.00	AD	FS	FS	No
2008	Fecal coliform	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	150	150	0	22.00	200.00	SM	FS	FS	No
2008	Fecal coliform	2421_02	Western portion of the bay	1,064	1,064	0	10.01	200.00	AD	FS	FS	No
2008	Fecal coliform	2421_03	Eastern portion of the bay	482	482	0	6.12	200.00	AD	FS	FS	No

Bacteria Single Sample

2008	Enterococcus	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	38	38	4		89.00	AD	FS	FS	No
2008	Enterococcus	2421_02	Western portion of the bay	79	79	2		89.00	AD	FS	FS	No
2008	Enterococcus	2421_03	Eastern portion of the bay	55	55	4		89.00	AD	FS	FS	No
2008	Fecal coliform	2421_01	Red Bluff to Five Mile Cut to Houston Point to Morgans Point	150	150	6		400.00	SM	FS	FS	No
2008	Fecal coliform	2421_02	Western portion of the bay	1,064	1,064	21		400.00	AD	FS	FS	No
2008	Fecal coliform	2421_03	Eastern portion of the bay	482	482	4		400.00	AD	FS	FS	No

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Segment ID: 2421A Clear Lake Channel (unclassified water body)

Water body type: Tidal Stream

Water body size: 0 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2421A_01 Entire water body	29	29	0		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2421A_01 Entire water body	29	29	3		4.00	AD	NC	NC		No
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2006	Risk Assess.- No Advisory	2421A_01 Entire water body						OE	FS	FS		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2421A_01 Entire water body	19	19	1		0.46	AD	NC	NC		No
2006	Nitrate	2421A_01 Entire water body	25	25	0		1.10	AD	NC	NC		No
2006	Orthophosphorus	2421A_01 Entire water body	9	9	0		0.46	LD	NC	NC		No
2006	Total Phosphorus	2421A_01 Entire water body	8	8	0		0.66	TR	NA	NA		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2421A_01 Entire water body	6	6		24.50	35.00	TR	NA	NA		No
2006	Fecal coliform	2421A_01 Entire water body	17	17		75.00	200.00	AD	FS	FS		No
Bacteria Single Sample												
2006	Enterococcus	2421A_01 Entire water body	6	6	0		89.00	TR	NA	NA		No
2006	Fecal coliform	2421A_01 Entire water body	17	17	2		400.00	AD	FS	FS		No

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Segment ID: 2422 Trinity Bay

Water body type: Estuary

Water body size: 130 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2422_01	Upper half of bay	16	16	0		AD	FS	FS		No
2006	Multiple	2422_02	Lower half of bay	4	4	0		LD	NC	NC		No
Chronic Toxic Substances in water												
2006	Multiple	2422_01	Upper half of bay	16	16			AD	FS	FS		No
2006	Multiple	2422_02	Lower half of bay	4	4	0		LD	NC	NC		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2422_01	Upper half of bay	256	138	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2422_02	Lower half of bay	155	66	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2422_01	Upper half of bay	256	138	1	4.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2422_02	Lower half of bay	155	66	1	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2422_01	Upper half of bay	23	23			AD	NC	NC		No
2006	Multiple	2422_02	Lower half of bay	23	23			AD	NC	NC		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	Multiple	2422_01	Upper half of bay	40	40			AD	NC	NC		No
2006	Multiple	2422_02	Lower half of bay	40	40			AD	NC	NC		No
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	2422_01	Upper half of bay					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2422_02	Lower half of bay					OE	FS	FS		No
HH Bioaccumulative Toxics in water												
2006	Multiple	2422_01	Upper half of bay	20	20			AD	FS	FS		No
2006	Multiple	2422_02	Lower half of bay	20	20			AD	FS	FS		No

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

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Segment ID: 2422 Trinity Bay

Water body type: Estuary

Water body size: 130 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use												
High pH												
2008	pH	2422_01	Upper half of bay	257	138	1	9.00	AD	FS	FS		No
2008	pH	2422_02	Lower half of bay	155	66	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2422_01	Upper half of bay	257	138	0	6.50	AD	FS	FS		No
2008	pH	2422_02	Lower half of bay	155	66	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2422_01	Upper half of bay	138	138	24	0.10	AD	NC	NC		No
2008	Ammonia	2422_02	Lower half of bay	67	67	7	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2422_01	Upper half of bay	139	139	26	11.60	AD	NC	NC		No
2008	Chlorophyll-a	2422_02	Lower half of bay	66	66	18	11.60	AD	CS	CS		No
2008	Nitrate	2422_01	Upper half of bay	139	139	42	0.17	AD	CS	CS		No
2008	Nitrate	2422_02	Lower half of bay	67	67	12	0.17	AD	NC	NC		No
2008	Orthophosphorus	2422_01	Upper half of bay	138	138	11	0.19	AD	NC	NC		No
2008	Orthophosphorus	2422_02	Lower half of bay	67	67	9	0.19	AD	NC	NC		No
2008	Total Phosphorus	2422_01	Upper half of bay	138	138	28	0.21	AD	NC	NC		No
2008	Total Phosphorus	2422_02	Lower half of bay	67	67	15	0.25	AD	NC	NC		No
Water Temperature												
2008	Temperature	2422_01	Upper half of bay	450	331	0	35.00	AD	FS	FS		No
2008	Temperature	2422_02	Lower half of bay	424	335	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2422_01	Upper half of bay					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2422_02	Lower half of bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2422_OW1	Upper portion of the bay					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2422_OW2	Lower portion of the bay					OE	FS	FS		No

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

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Segment ID: 2422 Trinity Bay

Water body type: Estuary

Water body size: 130 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2422_01	Upper half of bay	108	108	0	7.79	35.00	AD	FS	FS	No
2008	Enterococcus	2422_02	Lower half of bay	51	51		8.80	35.00	AD	FS	FS	No
2008	Fecal coliform	2422_01	Upper half of bay	425	425	0	5.71	200.00	AD	FS	FS	No
2006	Fecal coliform	2422_02	Lower half of bay	408	408		5.20	200.00	SM	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2422_01	Upper half of bay	108	108	4		89.00	AD	FS	FS	No
2008	Enterococcus	2422_02	Lower half of bay	51	51	2		89.00	AD	FS	FS	No
2008	Fecal coliform	2422_01	Upper half of bay	425	425	0		400.00	AD	FS	FS	No
2006	Fecal coliform	2422_02	Lower half of bay	408	408	2		400.00	SM	FS	FS	No

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

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Segment ID: 2422B Double Bayou West Fork (unclassified water body)

Water body type: Tidal Stream

Water body size: 14 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2422B_01 Entire water body	17	17	4		3.00	AD	NS	NS	5c	No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2422B_01 Entire water body	17	17	8		4.00	AD	CS	CS		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2422B_01 Entire water body	19	19	0		0.46	AD	NC	NC		No
2006	Chlorophyll-a	2422B_01 Entire water body	19	19	2		21.00	AD	NC	NC		No
2006	Nitrate	2422B_01 Entire water body	10	10	0		1.10	AD	NC	NC		No
2006	Orthophosphorus	2422B_01 Entire water body	18	18	0		0.46	AD	NC	NC		No
2006	Total Phosphorus	2422B_01 Entire water body	19	19	0		0.66	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2422B_01 Entire water body	15	15		81.00	35.00	AD	NS	NS	5c	No
2006	Fecal coliform	2422B_01 Entire water body	12	12		71.00	200.00	SM	FS	FS		No
Bacteria Single Sample												
2006	Enterococcus	2422B_01 Entire water body	15	15	6		89.00	AD	NS	NS	5c	No
2006	Fecal coliform	2422B_01 Entire water body	12	12	4		400.00	SM	FS	FS		No

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

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Segment ID: 2422D Double Bayou East Fork (unclassified water body)

Water body type: Tidal Stream

Water body size: 17 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2422D_01 Entire water body	11	11	2		3.00	TR	NA	NA		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2422D_01 Entire water body	11	11	4		4.00	TR	NA	NA		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2422D_01 Entire water body	6	6	0		0.46	TR	NA	NA		No
2006	Chlorophyll-a	2422D_01 Entire water body	10	10	0		21.00	TR	NA	NA		No
2006	Nitrate	2422D_01 Entire water body	10	10	0		1.10	TR	NA	NA		No
2006	Orthophosphorus	2422D_01 Entire water body	5	5	0		0.46	TR	NA	NA		No
2006	Total Phosphorus	2422D_01 Entire water body	11	11	0		0.66	TR	NA	NA		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2422D_01 Entire water body	6	6		12.60	35.00	TR	NA	NA		No
Bacteria Single Sample												
2006	Enterococcus	2422D_01 Entire water body	6	6	0		89.00	TR	NA	NA		No

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

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Segment ID: 2423 East Bay

Water body type: Estuary

Water body size: 52 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2423_01	Area adjacent to the ICWW (Segment 0702)	4	4	0		TR	NA	NA		No
2006	Multiple	2423_02	Remainder of segment	4	4	0		TR	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2423_01	Area adjacent to the ICWW (Segment 0702)	4	4	0		TR	NA	NA		No
2006	Multiple	2423_02	Remainder of segment	4	4	0		TR	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2423_01	Area adjacent to the ICWW (Segment 0702)	58	27	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2423_02	Remainder of segment	128	92	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2423_01	Area adjacent to the ICWW (Segment 0702)	58	27	1	4.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2423_02	Remainder of segment	128	92	1	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2423_01	Area adjacent to the ICWW (Segment 0702)	10	10	0		AD	NC	NC		No
2006	Multiple	2423_02	Remainder of segment	10	10	0		AD	NC	NC		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	Multiple	2423_01	Area adjacent to the ICWW (Segment 0702)	43	43			AD	NC	NC		No
2006	Multiple	2423_02	Remainder of segment	43	43			AD	NC	NC		No
HH Bioaccumulative Toxics in water												
2006	Multiple	2423_01	Area adjacent to the ICWW (Segment 0702)	4	4			TR	NA	NA		No
2006	Multiple	2423_02	Remainder of segment	4	4			TR	NA	NA		No

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Segment ID: 2423 East Bay

Water body type: Estuary

Water body size: 52 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use												
High pH												
2008	pH	2423_01	Area adjacent to the ICWW (Segment 0702)	58	27	0	9.00	AD	FS	FS		No
2008	pH	2423_02	Remainder of segment	129	93	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2423_01	Area adjacent to the ICWW (Segment 0702)	58	27	0	6.50	AD	FS	FS		No
2008	pH	2423_02	Remainder of segment	129	93	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2423_01	Area adjacent to the ICWW (Segment 0702)	26	26	2	0.10	AD	NC	NC		No
2008	Ammonia	2423_02	Remainder of segment	70	70	5	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2423_01	Area adjacent to the ICWW (Segment 0702)	26	26	7	11.60	AD	NC	NC		No
2008	Chlorophyll-a	2423_02	Remainder of segment	67	67	22	11.60	AD	CS	CS		No
2008	Nitrate	2423_01	Area adjacent to the ICWW (Segment 0702)	33	27	2	0.17	AD	NC	NC		No
2008	Nitrate	2423_02	Remainder of segment	76	76	10	0.17	AD	NC	NC		No
2008	Orthophosphorus	2423_01	Area adjacent to the ICWW (Segment 0702)	33	27	3	0.19	AD	NC	NC		No
2008	Orthophosphorus	2423_02	Remainder of segment	76	76	6	0.19	AD	NC	NC		No
2008	Total Phosphorus	2423_01	Area adjacent to the ICWW (Segment 0702)	32	26	2	0.21	AD	NC	NC		No
2008	Total Phosphorus	2423_02	Remainder of segment	76	76	6	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2423_01	Area adjacent to the ICWW (Segment 0702)	107	76	0	35.00	AD	FS	FS		No
2008	Temperature	2423_02	Remainder of segment	441	405	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2423_01	Area adjacent to the ICWW (Segment 0702)					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2423_02	Remainder of segment					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2423_OW1	East end of bay adjacent to the ICWW and East Bay Bayou					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2423_OW2	Remainder of the bay					OE	FS	FS		No

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Segment ID: 2423 East Bay

Water body type: Estuary

Water body size: 52 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2423_01	Area adjacent to the ICWW (Segment 0702)	32	32	0	9.42	35.00	AD	FS	FS	No
2008	Enterococcus	2423_02	Remainder of segment	74	74	0	6.35	35.00	AD	FS	FS	No
2008	Fecal coliform	2423_01	Area adjacent to the ICWW (Segment 0702)	113	113	0	7.32	200.00	AD	FS	FS	No
2008	Fecal coliform	2423_02	Remainder of segment	601	601	0	3.50	200.00	AD	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2423_01	Area adjacent to the ICWW (Segment 0702)	32	20	2		89.00	AD	FS	FS	No
2008	Enterococcus	2423_02	Remainder of segment	74	74	3		89.00	AD	FS	FS	No
2008	Fecal coliform	2423_01	Area adjacent to the ICWW (Segment 0702)	113	96	6		400.00	AD	FS	FS	No
2008	Fecal coliform	2423_02	Remainder of segment	601	601	2		400.00	AD	FS	FS	No

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Segment ID: 2423A Oyster Bayou (unclassified water body)

Water body type: Tidal Stream

Water body size: 21 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	2423A_01 Entire water body	4	4	0		4.00	LD	NC	NC		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	2423A_01 Entire water body	4	4	1		3.00	LD	NC	NC		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2423A_01 Entire water body	10	10	1		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2423A_01 Entire water body	10	10	3		4.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2423A_01 Entire water body	20	20	0		0.46	AD	NC	NC		No
2006	Chlorophyll-a	2423A_01 Entire water body	20	20	2		21.00	AD	NC	NC		No
2006	Nitrate	2423A_01 Entire water body	11	11	0		1.10	AD	NC	NC		No
2006	Orthophosphorus	2423A_01 Entire water body	20	20	0		0.46	AD	NC	NC		No
2006	Total Phosphorus	2423A_01 Entire water body	20	20	0		0.66	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Fecal coliform	2423A_01 Entire water body	15	15		71.50	200.00	AD	FS	FS		No
Bacteria Single Sample												
2006	Fecal coliform	2423A_01 Entire water body	15	15	1		400.00	AD	FS	FS		No

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Segment ID: 2424 West Bay

Water body type: Estuary

Water body size: 69 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2424_01	Main portion of water body	10	10			AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Multiple	2424_01	Main portion of water body	10	10			AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2424_01	Main portion of water body	198	149	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2424_02	Area adjacent to Lower Galveston Island	84	72	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2424_01	Main portion of water body	198	149	0	4.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2424_02	Area adjacent to Lower Galveston Island	84	72	0	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2424_01	Main portion of water body	10	10			AD	NC	NC		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	Multiple	2424_01	Main portion of water body	30	30			AD	NC	NC		No
2006	Multiple	2424_02	Area adjacent to Lower Galveston Island	30	30			AD	NC	NC		No
HH Bioaccumulative Toxics in water												
2006	Multiple	2424_01	Main portion of water body	10	10			AD	FS	FS		No
2006	Multiple	2424_02	Area adjacent to Lower Galveston Island	10	10			AD	FS	FS		No

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

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Segment ID: 2424 West Bay

Water body type: Estuary

Water body size: 69 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
High pH												
2008	pH	2424_01	Main portion of water body	214	160	0	9.00	AD	FS	FS		No
2008	pH	2424_02	Area adjacent to Lower Galveston Island	94	77	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2424_01	Main portion of water body	214	160	0	6.50	AD	FS	FS		No
2008	pH	2424_02	Area adjacent to Lower Galveston Island	94	77	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2424_01	Main portion of water body	107	107	3	0.10	AD	NC	NC		No
2008	Ammonia	2424_02	Area adjacent to Lower Galveston Island	42	42	10	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2424_01	Main portion of water body	102	102	5	11.60	AD	NC	NC		No
2008	Chlorophyll-a	2424_02	Area adjacent to Lower Galveston Island	17	17	0	11.60	AD	NC	NC		No
2008	Nitrate	2424_01	Main portion of water body	120	120	11	0.17	AD	NC	NC		No
2008	Nitrate	2424_02	Area adjacent to Lower Galveston Island	55	55	4	0.17	AD	NC	NC		No
2008	Orthophosphorus	2424_01	Main portion of water body	120	120	25	0.19	AD	NC	NC		No
2008	Orthophosphorus	2424_02	Area adjacent to Lower Galveston Island	31	31	1	0.19	AD	NC	NC		No
2008	Total Phosphorus	2424_01	Main portion of water body	117	117	1	0.21	AD	NC	NC		No
2008	Total Phosphorus	2424_02	Area adjacent to Lower Galveston Island	31	31	0	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2424_01	Main portion of water body	438	385	0	35.00	AD	FS	FS		No
2008	Temperature	2424_02	Area adjacent to Lower Galveston Island	262	245	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2424_01	Main portion of water body					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2424_02	Area adjacent to Lower Galveston Island					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2424_OW1	Main portion of bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2424_OW2	Area adjacent to Lower Galveston Bay and Galveston Island					OE	NS	NS	5a	No

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

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Segment ID: 2424 West Bay

Water body type: Estuary

Water body size: 69 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2424_01	Main portion of water body	108	108	0	5.40	35.00	AD	FS	FS	No
2008	Enterococcus	2424_02	Area adjacent to Lower Galveston Island	45	45	0	4.39	35.00	AD	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2424_01	Main portion of water body	108	108	1		89.00	AD	FS	FS	No
2008	Enterococcus	2424_02	Area adjacent to Lower Galveston Island	45	45	3		89.00	AD	FS	FS	No

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

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Segment ID: 2424A Highland Bayou (unclassified water body)

Water body type: Tidal Stream

Water body size: 13 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
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Aquatic Life Use

Dissolved Oxygen grab minimum

2006	Dissolved Oxygen Grab	2424A_01	From the headwaters to FM 2004	33	33	9	3.00	AD	NS	NS	5c	No
2006	Dissolved Oxygen Grab	2424A_02	From FM 2001 to FM 519	31	31	1	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	2424A_03	From FM 519 to Fairwood Road	32	32	3	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	2424A_04	From Fairwood Road to Bayou Lane	32	32	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	2424A_05	From Bayou Lane to the confluence with Jones Bay	34	34	0	3.00	AD	FS	FS		No

Dissolved Oxygen grab screening level

2006	Dissolved Oxygen Grab	2424A_01	From the headwaters to FM 2004	33	33	14	4.00	AD	CS	CS		No
2006	Dissolved Oxygen Grab	2424A_02	From FM 2001 to FM 519	31	31	4	4.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	2424A_03	From FM 519 to Fairwood Road	32	32	3	4.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	2424A_04	From Fairwood Road to Bayou Lane	21	21	3	4.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	2424A_05	From Bayou Lane to the confluence with Jones Bay	34	34	4	4.00	AD	NC	NC		No

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

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

Segment ID: 2424A Highland Bayou (unclassified water body)

Water body type: Tidal Stream

Water body size: 13 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use												
Nutrient Screening Levels												
2006	Ammonia	2424A_01	From the headwaters to FM 2004	22	22	2	0.46	AD	NC	NC		No
2006	Ammonia	2424A_02	From FM 2001 to FM 519	22	22	3	0.46	AD	NC	NC		No
2006	Ammonia	2424A_03	From FM 519 to Fairwood Road	21	21	1	0.46	AD	NC	NC		No
2006	Ammonia	2424A_04	From Fairwood Road to Bayou Lane	21	21	0	0.46	AD	NC	NC		No
2006	Ammonia	2424A_05	From Bayou Lane to the confluence with Jones Bay	23	23	0	0.46	AD	NC	NC		No
2006	Nitrate	2424A_01	From the headwaters to FM 2004	22	22	1	1.10	AD	NC	NC		No
2006	Nitrate	2424A_02	From FM 2001 to FM 519	30	30	0	1.10	AD	NC	NC		No
2006	Nitrate	2424A_03	From FM 519 to Fairwood Road	30	30	2	1.10	AD	NC	NC		No
2006	Nitrate	2424A_04	From Fairwood Road to Bayou Lane	30	30	0	1.10	AD	NC	NC		No
2006	Nitrate	2424A_05	From Bayou Lane to the confluence with Jones Bay	32	32	0	1.10	AD	NC	NC		No
2006	Orthophosphorus	2424A_01	From the headwaters to FM 2004	10	10	0	0.46	AD	NC	NC		No
2006	Orthophosphorus	2424A_02	From FM 2001 to FM 519	9	9	0	0.46	AD	NC	NC		No
2006	Orthophosphorus	2424A_03	From FM 519 to Fairwood Road	10	10	0	0.46	AD	NC	NC		No
2006	Orthophosphorus	2424A_04	From Fairwood Road to Bayou Lane	10	10	0	0.46	AD	NC	NC		No
2006	Orthophosphorus	2424A_05	From Bayou Lane to the confluence with Jones Bay	11	11	0	0.46	AD	NC	NC		No
2006	Total Phosphorus	2424A_01	From the headwaters to FM 2004	9	9	0	0.66	AD	NC	NC		No
2006	Total Phosphorus	2424A_02	From FM 2001 to FM 519	8	8	0	0.66	AD	NC	NC		No
2006	Total Phosphorus	2424A_03	From FM 519 to Fairwood Road	9	9	0	0.46	AD	NC	NC		No
2006	Total Phosphorus	2424A_04	From Fairwood Road to Bayou Lane	9	9	0	0.66	LD	NC	NC		No
2006	Total Phosphorus	2424A_05	From Bayou Lane to the confluence with Jones Bay	9	9	0	0.66	AD	NC	NC		No

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Segment ID: 2424A Highland Bayou (unclassified water body)

Water body type: Tidal Stream

Water body size: 13 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
Recreation Use													
Bacteria Geomean													
2006	Enterococcus	2424A_01	From the headwaters to FM 2004	15	15		73.20	35.00	AD	NS	NS	5a	No
2006	Enterococcus	2424A_02	From FM 2001 to FM 519	13	13		42.10	35.00	AD	NS	NS	5a	No
2006	Enterococcus	2424A_03	From FM 519 to Fairwood Road	14	14		26.00	35.00	AD	FS	FS		No
2006	Enterococcus	2424A_04	From Fairwood Road to Bayou Lane	16	16		65.00	35.00	AD	NS	NS	5a	No
2006	Enterococcus	2424A_05	From Bayou Lane to the confluence with Jones Bay	19	19		15.10	35.00	AD	FS	FS		No
2006	Fecal coliform	2424A_01	From the headwaters to FM 2004	21	21		285.00	200.00	SM	NS	NS		No
2006	Fecal coliform	2424A_02	From FM 2001 to FM 519	21	21		284.00	200.00	SM	NS	NS		No
2006	Fecal coliform	2424A_03	From FM 519 to Fairwood Road	20	20		130.00	200.00	SM	FS	FS		No
2006	Fecal coliform	2424A_04	From Fairwood Road to Bayou Lane	21	21		220.00	200.00	SM	NS	NS		No
2006	Fecal coliform	2424A_05	From Bayou Lane to the confluence with Jones Bay	20	20		40.00	200.00	SM	FS	FS		No
Bacteria Single Sample													
2006	Enterococcus	2424A_01	From the headwaters to FM 2004	15	15	6		89.00	AD	NS	NS	5a	No
2006	Enterococcus	2424A_02	From FM 2001 to FM 519	13	13	4		89.00	AD	FS	FS		No
2006	Enterococcus	2424A_03	From FM 519 to Fairwood Road	14	14	1		89.00	AD	FS	FS		No
2006	Enterococcus	2424A_04	From Fairwood Road to Bayou Lane	16	16	5		89.00	AD	CN	CN		No
2006	Enterococcus	2424A_05	From Bayou Lane to the confluence with Jones Bay	19	19	2		89.00	AD	FS	FS		No
2006	Fecal coliform	2424A_01	From the headwaters to FM 2004	21	21	12		400.00	SM	NS	NS		No
2006	Fecal coliform	2424A_02	From FM 2001 to FM 519	21	21	9		400.00	SM	NS	NS		No
2006	Fecal coliform	2424A_03	From FM 519 to Fairwood Road	20	20	4		400.00	SM	FS	FS		No
2006	Fecal coliform	2424A_04	From Fairwood Road to Bayou Lane	21	21	9		400.00	SM	NS	NS		No
2006	Fecal coliform	2424A_05	From Bayou Lane to the confluence with Jones Bay	20	20	2		400.00	SM	FS	FS		No

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Segment ID: 2424B Lake Madeline (unclassified water body)

Water body type: Estuary

Water body size: 0 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2424B_01 Entire water body	26	26	0		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2424B_01 Entire water body	26	26	3		4.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Nitrate	2424B_01 Entire water body	27	27	3		0.17	AD	NC	NC		No
2006	Orthophosphorus	2424B_01 Entire water body	7	7	1		0.19	LD	NC	NC		No
2006	Total Phosphorus	2424B_01 Entire water body	7	7	2		0.21	LD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2424B_01 Entire water body	13	13		24.60	35.00	AD	FS	FS		No
2006	Fecal coliform	2424B_01 Entire water body	20	20		59.10	200.00	SM	FS	FS		No
Bacteria Single Sample												
2006	Enterococcus	2424B_01 Entire water body	13	13	3		89.00	AD	FS	FS		No
2006	Fecal coliform	2424B_01 Entire water body	20	20	2		400.00	SM	FS	FS		No

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Segment ID: 2424C Marchand Bayou (unclassified water body)

Water body type: Tidal Stream

Water body size: 2 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2424C_01 Entire water body	32	32	4		3.00	AD	FS	NS	5c	Yes
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2424C_01 Entire water body	32	32	5		4.00	AD	CS	CS		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2424C_01 Entire water body	21	21	0		0.46	AD	NC	NC		No
2006	Nitrate	2424C_01 Entire water body	29	29	0		1.10	AD	NC	NC		No
2006	Orthophosphorus	2424C_01 Entire water body	1	1	0		0.46	ID	NA	NA		No
2006	Total Phosphorus	2424C_01 Entire water body	9	9	0		0.66	LD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2424C_01 Entire water body	5	5		93.00	35.00	LD	CN	CN		No
2006	Fecal coliform	2424C_01 Entire water body	19	19		217.00	200.00	AD	NS	NS	5a	No
Bacteria Single Sample												
2006	Enterococcus	2424C_01 Entire water body	5	5	2		89.00	LD	NC	NC		No
2006	Fecal coliform	2424C_01 Entire water body	19	19	7		400.00	AD	NS	NS	5a	No

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Segment ID: 2424D Offatts Bayou (unclassified water body)

Water body type: Estuary

Water body size: 1 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2424D_03	Lower area bordered by Walsh Street and Techmann Point	1	1			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2424D_03	Lower area bordered by Walsh Street and Techmann Point	1	1			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2424D_01	Upper area bordered by SH 342 and 71st Street	25	25	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	2424D_02	Middle area bordered by 71st Street and Walsh Street	16	16	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	2424D_03	Lower area bordered by Walsh Street and Techmann Point	35	35	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2424D_01	Upper area bordered by SH 342 and 71st Street	25	25	1	4.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	2424D_02	Middle area bordered by 71st Street and Walsh Street	16	16	1	4.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	2424D_03	Lower area bordered by Walsh Street and Techmann Point	35	35	0	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2424D_03	Lower area bordered by Walsh Street and Techmann Point	1	1			ID	NA	NA		No

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Segment ID: 2424D Offatts Bayou (unclassified water body)

Water body type: Estuary

Water body size: 1 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use												
Nutrient Screening Levels												
2006	Ammonia	2424D_01	Upper area bordered by SH 342 and 71st Street	1	1	1	0.10	ID	NA	NA		No
2006	Ammonia	2424D_02	Middle area bordered by 71st Street and Walsh Street	16	16	1	0.10	AD	NC	NC		No
2006	Ammonia	2424D_03	Lower area bordered by Walsh Street and Techmann Point	9	9	0	0.10	LD	NC	NC		No
2006	Chlorophyll-a	2424D_02	Middle area bordered by 71st Street and Walsh Street	16	16	4	11.60	AD	NC	NC		No
2006	Chlorophyll-a	2424D_03	Lower area bordered by Walsh Street and Techmann Point	9	9	0	11.60	LD	NC	NC		No
2006	Nitrate	2424D_01	Upper area bordered by SH 342 and 71st Street	7	7	0	0.17	LD	NC	NC		No
2006	Nitrate	2424D_02	Middle area bordered by 71st Street and Walsh Street	16	16	2	0.10	AD	NC	NC		No
2006	Nitrate	2424D_03	Lower area bordered by Walsh Street and Techmann Point	15	15	0	0.10	AD	NC	NC		No
2006	Orthophosphorus	2424D_01	Upper area bordered by SH 342 and 71st Street	6	6	0	0.19	LD	NC	NC		No
2006	Orthophosphorus	2424D_02	Middle area bordered by 71st Street and Walsh Street	16	16	0	0.19	AD	NC	NC		No
2006	Orthophosphorus	2424D_03	Lower area bordered by Walsh Street and Techmann Point	15	15	0	0.19	AD	NC	NC		No
2006	Total Phosphorus	2424D_01	Upper area bordered by SH 342 and 71st Street	6	6	0	0.21	LD	NC	NC		No
2006	Total Phosphorus	2424D_02	Middle area bordered by 71st Street and Walsh Street	16	16	0	0.21	AD	NC	NC		No
2006	Total Phosphorus	2424D_03	Lower area bordered by Walsh Street and Techmann Point	15	15	0	0.21	AD	NC	NC		No

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Segment ID: 2424D Offatts Bayou (unclassified water body)

Water body type: Estuary

Water body size: 1 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2424D_01	Upper area bordered by SH 342 and 71st Street	13	13		11.40	35.00	AD	FS	FS	No
2006	Enterococcus	2424D_02	Middle area bordered by 71st Street and Walsh Street	15	15		7.20	35.00	AD	FS	FS	No
2006	Enterococcus	2424D_03	Lower area bordered by Walsh Street and Techmann Point	22	22		4.80	35.00	AD	FS	FS	No
2006	Fecal coliform	2424D_01	Upper area bordered by SH 342 and 71st Street	20	20		25.80	200.00	SM	FS	FS	No
2006	Fecal coliform	2424D_02	Middle area bordered by 71st Street and Walsh Street	10	10		7.80	200.00	SM	FS	FS	No
2006	Fecal coliform	2424D_03	Lower area bordered by Walsh Street and Techmann Point	2	2		35.30	200.00	ID	NA	NA	No
Bacteria Single Sample												
2006	Enterococcus	2424D_01	Upper area bordered by SH 342 and 71st Street	13	13	2		89.00	AD	FS	FS	No
2006	Enterococcus	2424D_02	Middle area bordered by 71st Street and Walsh Street	15	15	1		89.00	AD	FS	FS	No
2006	Enterococcus	2424D_03	Lower area bordered by Walsh Street and Techmann Point	22	22	2		89.00	AD	FS	FS	No
2006	Fecal coliform	2424D_01	Upper area bordered by SH 342 and 71st Street	20	20	1		400.00	SM	FS	FS	No
2006	Fecal coliform	2424D_02	Middle area bordered by 71st Street and Walsh Street	10	10	1		400.00	SM	FS	FS	No
2006	Fecal coliform	2424D_03	Lower area bordered by Walsh Street and Techmann Point	2	2	0		400.00	ID	NA	NA	No

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

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Segment ID: 2424E English Bayou (unclassified water body)

Water body type: Estuary

Water body size: 0 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2424E_01 Entire water body	26	26	0		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2424E_01 Entire water body	26	26	0		4.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2424E_01 Entire water body	21	21	0		0.46	AD	NC	NC		No
2006	Nitrate	2424E_01 Entire water body	27	27	0		0.46	AD	NC	NC		No
2006	Orthophosphorus	2424E_01 Entire water body	7	7	0		0.46	LD	NC	NC		No
2006	Total Phosphorus	2424E_01 Entire water body	7	7	0			LD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2424E_01 Entire water body	14	14		9.60	35.00	AD	FS	FS		No
2006	Fecal coliform	2424E_01 Entire water body	20	20		44.30	200.00	SM	FS	FS		No
Bacteria Single Sample												
2006	Enterococcus	2424E_01 Entire water body	14	14	2		35.00	AD	FS	FS		No
2006	Fecal coliform	2424E_01 Entire water body	20	20	3		400.00	SM	FS	FS		No

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

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Segment ID: 2424F Crash Basin (unclassified water body)

Water body type: Estuary

Water body size: 0 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2424F_01	Entire water body	30	30	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2424F_01	Entire water body	15	15	0	4.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2424F_01	Entire water body	19	19	3	0.46	AD	NC	NC		No
2006	Nitrate	2424F_01	Entire water body	31	31	0	0.46	AD	NC	NC		No
2006	Orthophosphorus	2424F_01	Entire water body	12	12	0	0.46	AD	NC	NC		No
2006	Total Phosphorus	2424F_01	Entire water body	12	12	0		AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2424F_01	Entire water body	8	8		28.40	LD	NC	NC		No
2006	Fecal coliform	2424F_01	Entire water body	20	20		18.80	AD	FS	FS		No
Bacteria Single Sample												
2006	Enterococcus	2424F_01	Entire water body	8	8	2	89.00	LD	NC	NC		No
2006	Fecal coliform	2424F_01	Entire water body	20	20	0	400.00	AD	FS	FS		No

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

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

Segment ID: 2425 Clear Lake

Water body type: Estuary

Water body size: 2 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2425_01	Entire segment	23	23			AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Multiple	2425_01	Entire segment	23	23			AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2425_01	Entire segment	102	74	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2425_01	Entire segment	102	74	1	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2425_01	Entire segment	5	5			LD	NC	NC		No
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	2425_01	Entire segment					OE	FS	FS		No
HH Bioaccumulative Toxics in water												
2006	Multiple	2425_01	Entire segment	22	22		16.90	AD	FS	FS		No
General Use												
High pH												
2008	pH	2425_01	Entire segment	103	75	2	9.00	AD	FS	FS		No
Low pH												
2008	pH	2425_01	Entire segment	103	75	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2425_01	Entire segment	60	60	24	0.10	AD	CS	CS		No
2008	Chlorophyll-a	2425_01	Entire segment	34	34	30	11.60	AD	CS	CS		No
2008	Nitrate	2425_01	Entire segment	65	65	27	0.17	AD	CS	CS		No
2008	Orthophosphorus	2425_01	Entire segment	47	47	23	0.19	AD	CS	CS		No
2008	Total Phosphorus	2425_01	Entire segment	47	47	44	0.21	AD	CS	CS		No
Water Temperature												
2008	Temperature	2425_01	Entire segment	103	75	0	35.00	AD	FS	FS		No

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

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Segment ID: 2425 Clear Lake

Water body type: Estuary

Water body size: 2 Sq. miles

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

Bacteria Geomean

2008	Enterococcus	2425_01	Entire segment	52	52	0	15.35	35.00	AD	FS	FS	No
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Bacteria Single Sample

2008	Enterococcus	2425_01	Entire segment	52	52	10		89.00	AD	FS	FS	No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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

Segment ID: 2425B Jarbo Bayou (unclassified water body)

Water body type: Tidal Stream

Water body size: 3 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2425B_01	From headwaters to Lawrence Road	28	28	0	3.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	2425B_02	From Lawrence Road to confluence with Clear Lake	30	30	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2425B_01	From headwaters to Lawrence Road	28	28	1	4.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	2425B_02	From Lawrence Road to confluence with Clear Lake	30	30	2	4.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2425B_01	From headwaters to Lawrence Road	20	20	1	0.46	AD	NC	NC		No
2006	Ammonia	2425B_02	From Lawrence Road to confluence with Clear Lake	22	22	1	0.46	AD	NC	NC		No
2006	Nitrate	2425B_01	From headwaters to Lawrence Road	30	30	0	1.10	AD	NC	NC		No
2006	Nitrate	2425B_02	From Lawrence Road to confluence with Clear Lake	22	22	1	0.46	AD	NC	NC		No
2006	Orthophosphorus	2425B_01	From headwaters to Lawrence Road	10	10	1	0.46	AD	NC	NC		No
2006	Orthophosphorus	2425B_02	From Lawrence Road to confluence with Clear Lake	10	10	1	0.46	AD	NC	NC		No
2006	Total Phosphorus	2425B_01	From headwaters to Lawrence Road	10	10	0	0.66	AD	NC	NC		No
2006	Total Phosphorus	2425B_02	From Lawrence Road to confluence with Clear Lake	10	10	0	0.66	AD	NC	NC		No

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

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

Segment ID: 2425B Jarbo Bayou (unclassified water body)

Water body type: Tidal Stream

Water body size: 3 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
Recreation Use													
Bacteria Geomean													
2006	Enterococcus	2425B_01	From headwaters to Lawrence Road	8	8		70.00	35.00	LD	NS	NS	5c	No
2006	Enterococcus	2425B_02	From Lawrence Road to confluence with Clear Lake	10	10		15.60	35.00	AD	FS	FS		No
2006	Fecal coliform	2425B_01	From headwaters to Lawrence Road	18	18		383.00	200.00	SM	NS	NS		No
2006	Fecal coliform	2425B_02	From Lawrence Road to confluence with Clear Lake	20	20		256.00	200.00	SM	NS	NS		No
Bacteria Single Sample													
2006	Enterococcus	2425B_01	From headwaters to Lawrence Road	8	8	3		89.00	LD	CN	CN		No
2006	Enterococcus	2425B_02	From Lawrence Road to confluence with Clear Lake	10	10	1		89.00	AD	FS	FS		No
2006	Fecal coliform	2425B_01	From headwaters to Lawrence Road	18	18	9		400.00	SM	NS	NS		No
2006	Fecal coliform	2425B_02	From Lawrence Road to confluence with Clear Lake	20	20	9		400.00	SM	NS	NS		No

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

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

Segment ID: 2426 Tabbs Bay

Water body type: Estuary

Water body size: 4 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2426_01	Entire segment	53	52	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2426_01	Entire segment	53	52	1	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2426_01	Entire segment	2	2			ID	NA	NA		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	Multiple	2426_01	Entire segment	8	8			LD	NC	NC		No
DSHS Advisories, Closures, and Risk Assessments												
2008	Dioxin	2426_01	Entire segment					OE	NS	NS	5a	No
2008	PCBs	2426_01	Entire segment					OE	NS	NS	5a	No
General Use												
High pH												
2008	pH	2426_01	Entire segment	55	54	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2426_01	Entire segment	55	54	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2426_01	Entire segment	49	49	27	0.10	AD	CS	CS		No
2008	Chlorophyll-a	2426_01	Entire segment	9	9	1	11.60	LD	NC	NC		No
2008	Nitrate	2426_01	Entire segment	9	9	5	0.17	LD	CS	CS		No
2008	Orthophosphorus	2426_01	Entire segment	9	9	4	0.19	LD	CS	CS		No
2008	Total Phosphorus	2426_01	Entire segment	31	31	20	0.21	AD	CS	CS		No
Water Temperature												
2008	Temperature	2426_01	Entire segment	56	55	0	35.00	AD	FS	FS		No

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

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

Segment ID: 2426 Tabbs Bay

Water body type: Estuary

Water body size: 4 Sq. miles

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

Bacteria Geomean

2008	Enterococcus	2426_01	Entire segment	42	42	0	11.96	35.00	AD	FS	FS	No
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Bacteria Single Sample

2008	Enterococcus	2426_01	Entire segment	42	42	5		89.00	AD	FS	FS	No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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

Segment ID: 2427 San Jacinto Bay

Water body type: Estuary

Water body size: 2 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2427_01	Entire segment	1	1			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2427_01	Entire segment	1	1			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2427_01	Entire segment	89	68	2	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2427_01	Entire segment	89	68	2	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2427_01	Entire segment	1	1			ID	NA	NA		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	PCBs	2427_01	Entire segment	1	1			ID	NA	NA		No
DSHS Advisories, Closures, and Risk Assessments												
2008	Dioxin	2427_01	Entire segment					OE	NS	NS	5a	No
2008	PCBs	2427_01	Entire segment					OE	NS	NS	5a	No
General Use												
High pH												
2008	pH	2427_01	Entire segment	92	71	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2427_01	Entire segment	92	71	1	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2427_01	Entire segment	56	56	27	0.10	AD	CS	CS		No
2008	Chlorophyll-a	2427_01	Entire segment	16	16	3	11.60	AD	NC	NC		No
2008	Nitrate	2427_01	Entire segment	16	16	14	0.17	AD	CS	CS		No
2008	Orthophosphorus	2427_01	Entire segment	16	16	10	0.19	AD	CS	CS		No
2008	Total Phosphorus	2427_01	Entire segment	38	38	33	0.21	AD	CS	CS		No
Water Temperature												
2008	Temperature	2427_01	Entire segment	93	72	0	35.00	AD	FS	FS		No

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

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

Segment ID: 2427 San Jacinto Bay

Water body type: Estuary

Water body size: 2 Sq. miles

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

Bacteria Geomean

2008	Enterococcus	2427_01	Entire segment	46	46	0	18.46	35.00	AD	FS	FS	No
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Bacteria Single Sample

2008	Enterococcus	2427_01	Entire segment	46	46	5		89.00	AD	FS	FS	No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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

Segment ID: 2428 Black Duck Bay

Water body type: Estuary

Water body size: 1 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2428_01	Entire segment	67	57	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2428_01	Entire segment	67	57	1	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2428_01	Entire segment	1	1			ID	NA	NA		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	Multiple	2428_01	Entire segment	1	1			ID	NA	NA		No
DSHS Advisories, Closures, and Risk Assessments												
2008	Dioxin	2428_01	Entire segment					OE	NS	NS	5a	No
2008	PCBs	2428_01	Entire segment					OE	NS	NS	5a	No
General Use												
High pH												
2008	pH	2428_01	Entire segment	70	60	2	9.00	AD	FS	FS		No
Low pH												
2008	pH	2428_01	Entire segment	70	60	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2428_01	Entire segment	49	49	8	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2428_01	Entire segment	9	9	6	11.60	LD	CS	CS		No
2008	Nitrate	2428_01	Entire segment	9	9	0	0.17	LD	NC	NC		No
2008	Orthophosphorus	2428_01	Entire segment	9	9	1	0.19	LD	NC	NC		No
2008	Total Phosphorus	2428_01	Entire segment	31	31	16	0.21	AD	CS	CS		No
Water Temperature												
2008	Temperature	2428_01	Entire segment	71	61	0	35.00	AD	FS	FS		No

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

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

Segment ID: 2428 Black Duck Bay

Water body type: Estuary

Water body size: 1 Sq. miles

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

Bacteria Geomean

2008	Enterococcus	2428_01	Entire segment	42	42	0	10.22	35.00	AD	FS	FS	No
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Bacteria Single Sample

2008	Enterococcus	2428_01	Entire segment	42	42	3		89.00	AD	FS	FS	No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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

Segment ID: 2429 Scott Bay

Water body type: Estuary

Water body size: 2 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2429_01	Entire segment	77	61	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2429_01	Entire segment	77	61	1	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2429_01	Entire segment	2	2			ID	NA	NA		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	Multiple	2429_01	Entire segment	4	4			LD	NC	NC		No
DSHS Advisories, Closures, and Risk Assessments												
2008	Dioxin	2429_01	Entire segment					OE	NS	NS	5a	No
2008	PCBs	2429_01	Entire segment					OE	NS	NS	5a	No
General Use												
High pH												
2008	pH	2429_01	Entire segment	79	63	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2429_01	Entire segment	79	63	1	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2429_01	Entire segment	49	49	24	0.10	AD	CS	CS		No
2008	Chlorophyll-a	2429_01	Entire segment	9	9	4	11.60	LD	CS	CS		No
2008	Nitrate	2429_01	Entire segment	9	9	6	0.17	LD	CS	CS		No
2008	Orthophosphorus	2429_01	Entire segment	9	9	6	0.19	LD	CS	CS		No
2008	Total Phosphorus	2429_01	Entire segment	31	31	25	0.21	AD	CS	CS		No
Water Temperature												
2008	Temperature	2429_01	Entire segment	81	65	0	35.00	AD	FS	FS		No

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

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

Segment ID: 2429 Scott Bay

Water body type: Estuary

Water body size: 2 Sq. miles

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

Bacteria Geomean

2008	Enterococcus	2429_01	Entire segment	42	42	0	17.28	35.00	AD	FS	FS	No
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Bacteria Single Sample

2008	Enterococcus	2429_01	Entire segment	42	42	5		89.00	AD	FS	FS	No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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

Segment ID: 2430 Burnett Bay

Water body type: Estuary

Water body size: 3 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2430_01	Entire segment	1	1			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2430_01	Entire segment	1	1			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2430_01	Entire segment	93	65	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2430_01	Entire segment	93	65	1	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2430_01	Entire segment	2	2			ID	NA	NA		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	Multiple	2430_01	Entire segment	3	3			ID	NA	NA		No
2006	PCBs	2430_01	Entire segment	10	10			AD	NC	NC		No
DSHS Advisories, Closures, and Risk Assessments												
2008	Dioxin	2430_01	Entire segment					OE	NS	NS	5a	No
2008	PCBs	2430_01	Entire segment					OE	NS	NS	5a	No

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

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

Segment ID: 2430 Burnett Bay

Water body type: Estuary

Water body size: 3 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
High pH												
2008	pH	2430_01	Entire segment	97	67	1	9.00	AD	FS	FS		No
Low pH												
2008	pH	2430_01	Entire segment	97	67	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2430_01	Entire segment	56	56	25	0.10	AD	CS	CS		No
2008	Chlorophyll-a	2430_01	Entire segment	15	15	6	11.60	AD	CS	CS		No
2008	Nitrate	2430_01	Entire segment	16	16	11	0.17	AD	CS	CS		No
2008	Orthophosphorus	2430_01	Entire segment	16	16	7	0.19	AD	CS	CS		No
2008	Total Phosphorus	2430_01	Entire segment	38	38	30	0.21	AD	CS	CS		No
Water Temperature												
2008	Temperature	2430_01	Entire segment	98	68	0	35.00	AD	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2430_01	Entire segment	46	46	0	15.58	AD	FS	FS		No
Bacteria Single Sample												
2008	Enterococcus	2430_01	Entire segment	46	46	4	89.00	AD	FS	FS		No

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

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

Segment ID: 2431 Moses Lake

Water body type: Estuary

Water body size: 3 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2431_01	Entire segment	2	2			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2431_01	Entire segment	2	2			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2431_01	Entire segment	138	110	1	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2431_01	Entire segment	138	110	1	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2431_01	Entire segment	3	3			ID	NA	NA		No
General Use												
High pH												
2008	pH	2431_01	Entire segment	138	110	2	9.00	AD	FS	FS		No
Low pH												
2008	pH	2431_01	Entire segment	138	110	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2431_01	Entire segment	42	42	5	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2431_01	Entire segment	35	35	8	11.60	AD	NC	NC		No
2008	Nitrate	2431_01	Entire segment	61	61	11	0.17	AD	NC	NC		No
2008	Orthophosphorus	2431_01	Entire segment	60	60	5	0.19	AD	NC	NC		No
2008	Total Phosphorus	2431_01	Entire segment	54	54	9	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2431_01	Entire segment	138	110	0	35.00	AD	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2431_01	Entire segment	69	69	0	14.22	AD	FS	FS		No
Bacteria Single Sample												
2008	Enterococcus	2431_01	Entire segment	69	69	10	89.00	AD	FS	FS		No

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

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

Segment ID: 2431A Moses Bayou (unclassified water body)

Water body type: Tidal Stream

Water body size: 6 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2431A_01 Entire water body	34	34	0		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2431A_01 Entire water body	34	34	0		4.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2431A_01 Entire water body	19	19	0		0.46	AD	NC	NC		No
2006	Nitrate	2431A_01 Entire water body	29	29	0		1.10	AD	NC	NC		No
2006	Orthophosphorus	2431A_01 Entire water body	12	12	0		0.46	AD	NC	NC		No
2006	Total Phosphorus	2431A_01 Entire water body	10	10	0		0.66	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2431A_01 Entire water body	9	9		23.60	35.00	LD	NC	NC		No
2006	Fecal coliform	2431A_01 Entire water body	19	19		112.00	200.00	AD	FS	FS		No
Bacteria Single Sample												
2006	Enterococcus	2431A_01 Entire water body	9	9	1		89.00	LD	NC	NC		No
2006	Fecal coliform	2431A_01 Entire water body	19	19	5		400.00	AD	FS	FS		No

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

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Segment ID: 2431B Seawall Lagoon (unclassified water body)

Water body type: Estuary

Water body size: 0 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2431B_01 Entire water body	14	14	0		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2431B_01 Entire water body	14	14	1		4.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2431B_01 Entire water body	11	11	0		0.46	TR	NA	NA		No
2006	Nitrate	2431B_01 Entire water body	14	14	0		1.10	TR	NA	NA		No
2006	Orthophosphorus	2431B_01 Entire water body	2	2	0		0.46	ID	NA	NA		No
2006	Total Phosphorus	2431B_01 Entire water body	2	2	0		0.66	ID	NA	NA		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2431B_01 Entire water body	8	8		49.00	35.00	TR	NA	NA		No
Bacteria Single Sample												
2006	Enterococcus	2431B_01 Entire water body	8	8	3		89.00	TR	NA	NA		No

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

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Segment ID: 2432 Chocolate Bay

Water body type: Estuary

Water body size: 8 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2432_01	Entire segment	1	1			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2432_01	Entire segment	1	1			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2432_01	Entire segment	57	38	1	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2432_01	Entire segment	57	38	1	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2432_01	Entire segment	7	7			LD	NC	NC		No
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	2432_01	Entire segment					OE	FS	FS		No
General Use												
High pH												
2008	pH	2432_01	Entire segment	63	38	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2432_01	Entire segment	63	38	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2432_01	Entire segment	38	38	4	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2432_01	Entire segment	30	30	2	11.60	AD	NC	NC		No
2008	Nitrate	2432_01	Entire segment	38	38	5	0.17	AD	NC	NC		No
2008	Orthophosphorus	2432_01	Entire segment	32	32	3	0.19	AD	NC	NC		No
2008	Total Phosphorus	2432_01	Entire segment	38	38	4	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2432_01	Entire segment	61	38	0	35.00	AD	FS	FS		No

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

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

Segment ID: 2432 Chocolate Bay

Water body type: Estuary

Water body size: 8 Sq. miles

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

DSHS Shellfish Harvesting Maps

2008	DSHS Shellfishing Restrictions	2432_01	Entire segment					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2432_OW1	Entire segment					OE	NS	NS	5a	No

Recreation Use

Bacteria Geomean

2008	Enterococcus	2432_01	Entire segment	35	35	0	5.18	35.00	AD	FS	FS	No
2008	Enterococcus	2432_01	Entire segment	35	35	4		89.00	AD	FS	FS	No

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

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

Segment ID: 2432B Willow Bayou

Water body type: Freshwater Stream

Water body size: 6 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2432B_01 Entire water body	13	13	1		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2432B_01 Entire water body	13	13	5		5.00	AD	CS	CS		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2432B_01 Entire water body	8	8	2		0.33	LD	NC	NC		No
2006	Nitrate	2432B_01 Entire water body	11	11	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	2432B_01 Entire water body	10	10	0		0.37	AD	NC	NC		No
2006	Total Phosphorus	2432B_01 Entire water body	11	11	1		0.69	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	E. coli	2432B_01 Entire water body	10	10		86.00	126.00	AD	FS	FS		No
Bacteria Single Sample												
2006	E. coli	2432B_01 Entire water body	10	10	1		394.00	AD	FS	FS		No

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

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Segment ID: 2432C Halls Bayou Tidal

Water body type: Tidal Stream

Water body size: 12 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2432C_01 Entire water body	33	33	2		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2432C_01 Entire water body	33	33	5		4.00	AD	CS	CS		No
Toxic Substances in sediment												
2006	Multiple	2432C_01 Entire water body	6	6	0			LD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2432C_01 Entire water body	22	22	0		0.46	AD	NA	NA		No
2006	Chlorophyll-a	2432C_01 Entire water body	14	14	2		21.00	AD	NC	NC		No
2006	Nitrate	2432C_01 Entire water body	20	20	0		1.10	AD	NC	NC		No
2006	Orthophosphorus	2432C_01 Entire water body	1	1	0		0.46	ID	NA	NA		No
2006	Total Phosphorus	2432C_01 Entire water body	25	25	0		0.66	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2432C_01 Entire water body	7	7		18.60	35.00	LD	NC	NC		No
Bacteria Single Sample												
2006	Enterococcus	2432C_01 Entire water body	7	7	1		89.00	LD	NC	NC		No

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Segment ID: 2432D Persimmon Bayou

Water body type: Freshwater Stream

Water body size: 6 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2432D_01 Entire water body	13	13	0		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2432D_01 Entire water body	13	13	1		5.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2432D_01 Entire water body	8	8	0		0.33	LD	NC	NC		No
2006	Nitrate	2432D_01 Entire water body	11	11	0		1.95	AD	NC	NC		No
2006	Orthophosphorus	2432D_01 Entire water body	110	110	0			AD	NC	NC		No
2006	Total Phosphorus	2432D_01 Entire water body	11	11	0		0.69	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	E. coli	2432D_01 Entire water body	10	10		30.10	126.00	AD	FS	FS		No
Bacteria Single Sample												
2006	E. coli	2432D_01 Entire water body	10	10	1		394.00	AD	FS	FS		No

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

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

Segment ID: 2432E **New Bayou**

Water body type: Freshwater Stream

Water body size: 10 Miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2432E_01	Entire water body	14	14	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2432E_01	Entire water body	14	14	1	5.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2432E_01	Entire water body	9	9	0	0.33	LD	NC	NC		No
2006	Nitrate	2432E_01	Entire water body	12	12	0	1.95	AD	NC	NC		No
2006	Orthophosphorus	2432E_01	Entire water body	11	11	0	0.37	AD	NC	NC		No
2006	Total Phosphorus	2432E_01	Entire water body	12	12	0	0.69	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	E. coli	2432E_01	Entire water body	10	10		48.20	AD	FS	FS		No
Bacteria Single Sample												
2006	E. coli	2432E_01	Entire water body	10	10	1	394.00	AD	FS	FS		No

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

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Segment ID: 2433 Bastrop Bay/Oyster Lake

Water body type: Estuary

Water body size: 5 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	2433_01	Bastrop Bay					OE	FS	FS		No
General Use												
Water Temperature												
2008	Temperature	2433_01	Bastrop Bay	18	18	0	35.00	AD	FS	FS		No
2008	Temperature	2433_02	Oyster Lake	17	17	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2433_01	Bastrop Bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2433_02	Oyster Lake					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2433_OW1	Bastrop Bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2433_OW2	Oyster Lake					OE	NS	NS	5a	No
Recreation Use												
Bacteria Geomean												
2008	Fecal coliform	2433_01	Bastrop Bay	32	32	0	4.55	200.00	AD	FS	FS	No
2008	Fecal coliform	2433_02	Oyster Lake	30	30	0	14.20	200.00	AD	FS	FS	No
Bacteria Single Sample												
2008	Fecal coliform	2433_01	Bastrop Bay	32	32	1		400.00	AD	FS	FS	No
2008	Fecal coliform	2433_02	Oyster Lake	30	30	3		400.00	AD	FS	FS	No

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

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Segment ID: 2434 Christmas Bay

Water body type: Estuary

Water body size: 9 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2434_02	Remainder of segment	1	1			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2434_02	Remainder of segment	1	1			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2434_01	Area adjacent to West Bay	31	30	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2434_02	Remainder of segment	31	30	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2434_01	Area adjacent to West Bay	31	30	0	4.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2434_02	Remainder of segment	31	30	0	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2434_02	Remainder of segment	3	3			ID	NA	NA		No
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	2434_01	Area adjacent to West Bay					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2434_02	Remainder of segment					OE	FS	FS		No

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

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Segment ID: 2434 Christmas Bay

Water body type: Estuary

Water body size: 9 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
High pH												
2008	pH	2434_01	Area adjacent to West Bay	33	32	0	9.00	AD	FS	FS		No
2008	pH	2434_02	Remainder of segment	33	32	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2434_01	Area adjacent to West Bay	33	32	0	6.50	AD	FS	FS		No
2008	pH	2434_02	Remainder of segment	33	32	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2434_01	Area adjacent to West Bay	33	33	1	0.10	AD	NC	NC		No
2008	Ammonia	2434_02	Remainder of segment	33	33	1	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2434_01	Area adjacent to West Bay	32	32	1	11.60	AD	NC	NC		No
2008	Chlorophyll-a	2434_02	Remainder of segment	32	32	1	11.60	AD	NC	NC		No
2008	Nitrate	2434_01	Area adjacent to West Bay	33	33	7	0.17	AD	NC	NC		No
2008	Nitrate	2434_02	Remainder of segment	33	33	7	0.17	AD	NC	NC		No
2008	Orthophosphorus	2434_01	Area adjacent to West Bay	33	33	8	0.19	AD	NC	NC		No
2008	Orthophosphorus	2434_02	Remainder of segment	33	33	8	0.19	AD	NC	NC		No
2008	Total Phosphorus	2434_01	Area adjacent to West Bay	33	33	1	0.21	AD	NC	NC		No
2008	Total Phosphorus	2434_02	Remainder of segment	33	33	1	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2434_01	Area adjacent to West Bay	86	85	0	35.00	AD	FS	FS		No
2008	Temperature	2434_02	Remainder of segment	86	85	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2434_01	Area adjacent to West Bay					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2434_02	Remainder of segment					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2434_OW1	Area adjacent to West Bay					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2434_OW2	Remainder of Christmas Bay					OE	FS	FS		No

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

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Segment ID: 2434 **Christmas Bay**

Water body type: Estuary

Water body size: 9 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2434_01	Area adjacent to West Bay	32	32	0	6.83	35.00	AD	FS	FS	No
2008	Enterococcus	2434_02	Remainder of segment	32	32		6.83	35.00	AD	FS	FS	No
2008	Fecal coliform	2434_01	Area adjacent to West Bay	107	107	0	3.20	200.00	AD	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2434_01	Area adjacent to West Bay	32	32	1		89.00	AD	FS	FS	No
2008	Enterococcus	2434_02	Remainder of segment	32	32	1		89.00	AD	FS	FS	No
2008	Fecal coliform	2434_01	Area adjacent to West Bay	107	107	0		400.00	AD	FS	FS	No

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

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Segment ID: 2435 Drum Bay

Water body type: Estuary

Water body size: 2 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	2435_01	Area adjacent to Christmas Bay					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2435_02	Remainder of segment					OE	FS	FS		No
General Use												
Water Temperature												
2008	Temperature	2435_02	Remainder of segment	69	69	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2435_01	Area adjacent to Christmas Bay					OE	NS	NS	4c	No
2008	DSHS Shellfishing Restrictions	2435_02	Remainder of segment					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2435_OW1	Area adjacent to Christmas Bay					OE	NS	NS	4c	No
2008	DSHS Shellfishing Restrictions	2435_OW2	Remainder of Drum Bay					OE	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Fecal coliform	2435_02	Remainder of segment	120	120	0	7.93	AD	FS	FS		No
Bacteria Single Sample												
2008	Fecal coliform	2435_02	Remainder of segment	120	120	1	89.00	AD	FS	FS		No

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

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Segment ID: 2435A Nicks Cut (unclassified water body)

Water body type: Estuary

Water body size: 1 Sq. miles

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

Bacteria Geomean

2006	Fecal coliform	2435A_01	Entire water body	26	26		16.30	200.00	AD	FS	FS	No
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Bacteria Single Sample

2006	Fecal coliform	2435A_01	Entire water body	26	26	3		400.00	AD	FS	FS	No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 2436 Barbours Cut

Water body type: Estuary

Water body size: 0 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2436_01	Entire segment	60	53	1	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2436_01	Entire segment	60	53	1	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2436_01	Entire segment	1	1			ID	NA	NA		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	Multiple	2436_01	Entire segment	3	3			ID	NA	NA		No
DSHS Advisories, Closures, and Risk Assessments												
2008	Dioxin	2436_01	Entire segment					OE	NS	NS	5a	No
2008	PCBs	2436_01	Entire segment					OE	NS	NS	5a	No
General Use												
High pH												
2008	pH	2436_01	Entire segment	62	55	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2436_01	Entire segment	62	55	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2436_01	Entire segment	49	49	25	0.10	AD	CS	CS		No
2008	Nitrate	2436_01	Entire segment	9	9	6	0.17	LD	CS	CS		No
2008	Orthophosphorus	2436_01	Entire segment	9	9	4	0.19	LD	CS	CS		No
2008	Total Phosphorus	2436_01	Entire segment	31	31	21	0.21	AD	CS	CS		No
Water Temperature												
2008	Temperature	2436_01	Entire segment	63	56	0	35.00	AD	FS	FS		No

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

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Segment ID: 2436 Barbours Cut

Water body type: Estuary

Water body size: 0 Sq. miles

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

Bacteria Geomean

2008	Enterococcus	2436_01	Entire segment	42	42	0	13.68	35.00	AD	FS	FS	No
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Bacteria Single Sample

2008	Enterococcus	2436_01	Entire segment	42	42	3		89.00	AD	FS	FS	No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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

Segment ID: 2437 Texas City Ship Channel

Water body type: Estuary

Water body size: 1 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2437_01	Entire segment	5	5			LD	NC	NC		No
Chronic Toxic Substances in water												
2006	Multiple	2437_01	Entire segment	5	5			LD	NC	NC		No
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	2437_01	Entire segment	80	80	0	4.00	AD	FS	FS		No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2437_01	Entire segment	80	80	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2437_01	Entire segment	272	189	0	3.00	SM	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2437_01	Entire segment	272	189	2	4.00	SM	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2437_01	Entire segment	3	3			ID	NA	NA		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	2437_01	Entire segment	5	5			LD	NC	NC		No

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

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Segment ID: 2437 Texas City Ship Channel

Water body type: Estuary

Water body size: 1 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
High pH												
2008	pH	2437_01	Entire segment	272	189	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2437_01	Entire segment	272	189	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2437_01	Entire segment	63	63	29	0.10	AD	CS	CS		No
2008	Chlorophyll-a	2437_01	Entire segment	27	27	8	11.60	AD	CS	CS		No
2008	Nitrate	2437_01	Entire segment	88	88	20	0.17	AD	NC	NC		No
2008	Orthophosphorus	2437_01	Entire segment	89	89	16	0.19	AD	NC	NC		No
2008	Total Phosphorus	2437_01	Entire segment	89	89	26	0.21	AD	CS	CS		No
Water Temperature												
2008	Temperature	2437_01	Entire segment	273	190	0	35.00	AD	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2437_01	Entire segment	83	83	0	3.56	35.00	AD	FS	FS	No
2008	Fecal coliform	2437_01	Entire segment	106	106	0	17.27	200.00	SM	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2437_01	Entire segment	83	83	0	89.00	AD	FS	FS		No
2008	Fecal coliform	2437_01	Entire segment	106	106	3	400.00	SM	FS	FS		No

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

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

Segment ID: 2438 Bayport Channel

Water body type: Estuary

Water body size: 1 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2438_01	Entire segment	9	9			LD	NC	NC		No
Chronic Toxic Substances in water												
2006	Multiple	2438_01	Entire segment	9	9			LD	NC	NC		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2438_01	Entire segment	62	23	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2438_01	Entire segment	62	23	0	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2438_01	Entire segment	6	6			LD	NC	NC		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	PCBs	2438_01	Entire segment	7	7	0	0.09	LD	NC	NC		No
DSHS Advisories, Closures, and Risk Assessments												
2008	Dioxin	2438_01	Entire segment					OE	NS	NS	5a	No
2008	PCBs	2438_01	Entire segment					OE	NS	NS	5a	No
General Use												
High pH												
2008	pH	2438_01	Entire segment	62	23	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2438_01	Entire segment	62	23	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2438_01	Entire segment	19	19	5	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2438_01	Entire segment	19	19	16	11.60	AD	CS	CS		No
2008	Nitrate	2438_01	Entire segment	18	18	11	0.17	AD	CS	CS		No
2008	Orthophosphorus	2438_01	Entire segment	18	18	10	0.19	AD	CS	CS		No
2008	Total Phosphorus	2438_01	Entire segment	19	19	19	0.21	AD	CS	CS		No
Water Temperature												
2008	Temperature	2438_01	Entire segment	62	23	0	35.00	AD	FS	FS		No

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

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Segment ID: 2438 Bayport Channel

Water body type: Estuary

Water body size: 1 Sq. miles

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

Bacteria Geomean

2008	Enterococcus	2438_01	Entire segment	14	14	0	18.25	35.00	AD	FS	FS	No
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Bacteria Single Sample

2008	Enterococcus	2438_01	Entire segment	14	14	1		89.00	AD	FS	FS	No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 2439 Lower Galveston Bay

Water body type: Estuary

Water body size: 140 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	2	2			ID	NA	NA		No
2006	Multiple	2439_02	Main portion of the bay	17	17			AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Multiple	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	2	2			ID	NA	NA		No
2006	Multiple	2439_02	Main portion of the bay	17	17			AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	83	43	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2439_02	Main portion of the bay	67	27	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	83	43	0	4.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2439_02	Main portion of the bay	83	43	0	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	32	32			AD	NC	NC		No
2006	Multiple	2439_02	Main portion of the bay	32	32			AD	NC	NC		No
2006	Multiple	2439_OW1	Area adjacent to the Texas City Ship Channel and Moses Lake	32	32			AD	NC	NC		No
2006	Multiple	2439_OW2	Main portion of the bay	32	32			AD	NC	NC		No

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

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Segment ID: 2439 Lower Galveston Bay

Water body type: Estuary

Water body size: 140 Sq. miles

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

DSHS Advisories, Closures, and Risk Assessments

2008	Risk Assess.- No Advisory	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake						OE	FS	FS		No
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2008	Risk Assess.- No Advisory	2439_02	Main portion of the bay						OE	FS	FS		No
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HH Bioaccumulative Toxics in water

2006	Multiple	2439_01	19	19				AD	FS	FS		No
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2006	Multiple	2439_02	19	19				AD	FS	FS		No
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2006	Multiple	2439_OW1	19	19				AD	FS	FS		No
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2006	Multiple	2439_OW2	19	19				AD	FS	FS		No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 2439 Lower Galveston Bay

Water body type: Estuary

Water body size: 140 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
High pH												
2008	pH	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	83	43	2	9.00	AD	FS	FS		No
2008	pH	2439_02	Main portion of the bay	70	28	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	83	43	0	6.50	AD	FS	FS		No
2008	pH	2439_02	Main portion of the bay	70	28	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	42	42	2	0.10	AD	NC	NC		No
2008	Ammonia	2439_02	Main portion of the bay	28	28	3	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	42	42	11	11.60	AD	NC	NC		No
2008	Chlorophyll-a	2439_02	Main portion of the bay	28	28	14	11.60	AD	CS	CS		No
2008	Nitrate	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	42	42	20	0.17	AD	CS	CS		No
2008	Nitrate	2439_02	Main portion of the bay	264	264	51	0.17	AD	NC	NC		No
2008	Orthophosphorus	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	42	42	9	0.19	AD	NC	NC		No
2008	Orthophosphorus	2439_02	Main portion of the bay	28	28	4	0.19	AD	NC	NC		No
2008	Total Phosphorus	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	39	39	8	0.21	AD	NC	NC		No
2008	Total Phosphorus	2439_02	Main portion of the bay	27	27	4	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	499	459	0	35.00	AD	FS	FS		No
2008	Temperature	2439_02	Main portion of the bay	70	28	0	35.00	AD	FS	FS		No

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Segment ID: 2439 Lower Galveston Bay

Water body type: Estuary

Water body size: 140 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2439_02	Main portion of the bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2439_OW1	Area adjacent to the Texas City Ship Channel and Moses Lake					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2439_OW2	Main portion of the bay					OE	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	34	34	0	6.55	35.00	AD	FS	FS	No
2008	Enterococcus	2439_02	Main portion of the bay	24	24		6.70	35.00	AD	FS	FS	No
2008	Fecal coliform	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	957	957	0	6.66	200.00	SM	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	34	34	1		89.00	AD	FS	FS	No
2008	Enterococcus	2439_02	Main portion of the bay	24	24	0		89.00	AD	FS	FS	No
2008	Fecal coliform	2439_01	Area adjacent to the Texas City Ship Channel and Moses Lake	957	957	14		400.00	SM	FS	FS	No

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Segment ID: 2441 East Matagorda Bay

Water body type: Estuary

Water body size: 59 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2441_01	Caney Creek am and western shoreline area	30	25	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2441_02	Remainder of segment	30	25	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2441_02	Remainder of segment	30	25	0	5.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2441_02	Remainder of segment	3	3			ID	NA	NA		No
General Use												
High pH												
2008	pH	2441_01	Caney Creek am and western shoreline area	30	25	0	9.00	AD	FS	FS		No
2008	pH	2441_02	Remainder of segment	30	25	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2441_01	Caney Creek am and western shoreline area	30	25	0	6.50	AD	FS	FS		No
2008	pH	2441_02	Remainder of segment	30	25	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2441_01	Caney Creek am and western shoreline area	26	26	1	0.10	AD	NC	NC		No
2008	Ammonia	2441_02	Remainder of segment	26	26	1	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2441_01	Caney Creek am and western shoreline area	26	26	4	11.60	AD	NC	NC		No
2008	Chlorophyll-a	2441_02	Remainder of segment	26	26	4	11.60	AD	NC	NC		No
2008	Nitrate	2441_01	Caney Creek am and western shoreline area	26	26	11	0.17	AD	CS	CS		No
2008	Nitrate	2441_02	Remainder of segment	26	26	11	0.17	AD	CS	CS		No
2008	Orthophosphorus	2441_01	Caney Creek am and western shoreline area	26	26	8	0.19	AD	CS	CS		No
2008	Orthophosphorus	2441_02	Remainder of segment	26	26	8	0.19	AD	CS	CS		No
2008	Total Phosphorus	2441_01	Caney Creek am and western shoreline area	25	25	5	0.21	AD	NC	NC		No
2008	Total Phosphorus	2441_02	Remainder of segment	25	25	5	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2441_01	Caney Creek am and western shoreline area	235	230	0	35.00	AD	FS	FS		No
2008	Temperature	2441_02	Remainder of segment	235	230	0	35.00	AD	FS	FS		No

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Segment ID: 2441 East Matagorda Bay

Water body type: Estuary

Water body size: 59 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2441_01	Caney Creek am and western shoreline area					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2441_02	Remainder of segment					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2441_OW1	Caney Creek arm and western shoreline area					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2441_OW2	Remainder of bay					OE	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2441_01	Caney Creek am and western shoreline area	18	18	0	11.24	35.00	AD	FS	FS	No
2008	Enterococcus	2441_02	Remainder of segment	18	18		11.20	35.00	AD	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2441_01	Caney Creek am and western shoreline area	18	18	0		89.00	AD	FS	FS	No
2008	Enterococcus	2441_02	Remainder of segment	18	18	0		89.00	AD	FS	FS	No

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

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

Segment ID: 2442 Cedar Lakes

Water body type: Estuary

Water body size: 7 Sq. miles

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

DSHS Shellfish Harvesting Maps

2008	DSHS Shellfishing Restrictions	2442_01	Entire segment					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2442_OW1	Entire segment					OE	NS	NS	5a	No

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

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

Segment ID: 2451 Matagorda Bay/Powderhorn Lake

Water body type: Estuary

Water body size: 262 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	2451_02	Remainder of segment	3	3	0	5.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2451_02	Remainder of segment	3	3	0	4.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2451_01	Northern end of Matagorda Bay	506	121	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2451_02	Remainder of segment	506	121	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2451_02	Remainder of segment	506	121	0	5.00	AD	NC	NC		No

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

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

Segment ID: 2451 Matagorda Bay/Powderhorn Lake

Water body type: Estuary

Water body size: 262 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
High pH												
2008	pH	2451_01	Northern end of Matagorda Bay	506	121	1	9.00	AD	FS	FS		No
2008	pH	2451_02	Remainder of segment	506	121	1	9.00	AD	FS	FS		No
Low pH												
2008	pH	2451_01	Northern end of Matagorda Bay	506	121	0	6.50	AD	FS	FS		No
2008	pH	2451_02	Remainder of segment	506	121	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2451_01	Northern end of Matagorda Bay	80	80	2	0.10	AD	NC	NC		No
2008	Ammonia	2451_02	Remainder of segment	80	80	2	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2451_01	Northern end of Matagorda Bay	76	76	6	11.60	AD	NC	NC		No
2008	Chlorophyll-a	2451_02	Remainder of segment	76	76	6	11.60	AD	NC	NC		No
2008	Nitrate	2451_01	Northern end of Matagorda Bay	79	79	25	0.17	AD	CS	CS		No
2008	Nitrate	2451_02	Remainder of segment	79	79	25	0.17	AD	CS	CS		No
2008	Orthophosphorus	2451_01	Northern end of Matagorda Bay	79	79	22	0.19	AD	CS	CS		No
2008	Orthophosphorus	2451_02	Remainder of segment	79	79	22	0.19	AD	CS	CS		No
2008	Total Phosphorus	2451_01	Northern end of Matagorda Bay	80	80	3	0.21	AD	NC	NC		No
2008	Total Phosphorus	2451_02	Remainder of segment	80	80	3	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2451_01	Northern end of Matagorda Bay	924	539	0	35.00	AD	FS	FS		No
2008	Temperature	2451_02	Remainder of segment	924	539	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2451_01	Northern end of Matagorda Bay					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2451_02	Remainder of segment					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2451_OW1	Northern end of Matagorda Bay					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2451_OW2	Remainder of Matagorda Bay/Powderhorn Lake					OE	FS	FS		No

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

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

Segment ID: 2451 Matagorda Bay/Powderhorn Lake

Water body type: Estuary

Water body size: 262 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2451_01	Northern end of Matagorda Bay	65	65	0	15.61	35.00	AD	FS	FS	No
2008	Enterococcus	2451_02	Remainder of segment	65	65		15.60	35.00	AD	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2451_01	Northern end of Matagorda Bay	65	65	6		89.00	AD	FS	FS	No
2008	Enterococcus	2451_02	Remainder of segment	65	65	6		89.00	AD	FS	FS	No

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

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

Segment ID: 2451A **Coloma Creek**

Water body type: Tidal Stream

Water body size: 7 Miles

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

Bacteria Geomean

2006	Fecal coliform	2451A_01	Entire water body	14	14		13.50	200.00	AD	FS	FS	No
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Bacteria Single Sample

2006	Fecal coliform	2451A_01	Entire water body	14	14	1		400.00	AD	FS	FS	No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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

Segment ID: 2452 Tres Palacios Bay/Turtle Bay

Water body type: Estuary

Water body size: 32 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	2452_01	Main portion of bay	13	13	0	5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	2452_03	Tres Palacios Creek Arm	7	3	1	5.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2452_01	Main portion of bay	13	13	1	4.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	2452_03	Tres Palacios Creek Arm	7	3	2	4.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2452_01	Main portion of bay	194	45	0	4.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	2452_03	Tres Palacios Creek Arm	65	17	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2452_01	Main portion of bay	194	45	3	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	2452_03	Tres Palacios Creek Arm	65	17	2	5.00	AD	NC	NC		No

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

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

Segment ID: 2452 Tres Palacios Bay/Turtle Bay

Water body type: Estuary

Water body size: 32 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use												
High pH												
2008	pH	2452_01	Main portion of bay	194	45	2	9.00	AD	FS	FS		No
2008	pH	2452_03	Tres Palacios Creek Arm	65	17	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2452_01	Main portion of bay	194	45	0	6.50	AD	FS	FS		No
2008	pH	2452_03	Tres Palacios Creek Arm	65	17	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2452_01	Main portion of bay	19	19	1	0.10	AD	NC	NC		No
2008	Ammonia	2452_03	Tres Palacios Creek Arm	20	12	4	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2452_01	Main portion of bay	18	18	0	11.60	AD	NC	NC		No
2008	Chlorophyll-a	2452_03	Tres Palacios Creek Arm	19	11	7	11.60	AD	CS	CS		No
2008	Nitrate	2452_01	Main portion of bay	19	19	1	0.17	AD	NC	NC		No
2008	Nitrate	2452_03	Tres Palacios Creek Arm	20	12	3	0.17	AD	NC	NC		No
2008	Orthophosphorus	2452_01	Main portion of bay	19	19	5	0.19	AD	NC	NC		No
2008	Orthophosphorus	2452_03	Tres Palacios Creek Arm	17	9	3	0.19	LD	NC	NC		No
2008	Total Phosphorus	2452_01	Main portion of bay	19	19	0	0.21	AD	NC	NC		No
2008	Total Phosphorus	2452_03	Tres Palacios Creek Arm	20	12	10	0.21	AD	CS	CS		No
Water Temperature												
2008	Temperature	2452_01	Main portion of bay	520	371	0	35.00	AD	FS	FS		No
2008	Temperature	2452_02	Turtle Bay	120	120	0	35.00	AD	FS	FS		No
2008	Temperature	2452_03	Tres Palacios Creek Arm	139	91	0	35.00	AD	FS	FS		No

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

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Segment ID: 2452 Tres Palacios Bay/Turtle Bay

Water body type: Estuary

Water body size: 32 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2452_01	Main portion of bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2452_02	Turtle Bay					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2452_03	Tres Palacios Creek Arm					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2452_OW1	Turtle Bay and Tres Palacios Creek Arm					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2452_OW2	Main portion of bay					OE	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2452_01	Main portion of bay	14	14	0	16.71	35.00	AD	FS	FS	No
2008	Enterococcus	2452_03	Tres Palacios Creek Arm	9	9	0	10.80	35.00	LD	NC	NC	No
2008	Fecal coliform	2452_02	Turtle Bay	120	120		7.20	200.00	AD	FS	FS	No
2008	Fecal coliform	2452_03	Tres Palacios Creek Arm	140	140	0	15.14	200.00	AD	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2452_01	Main portion of bay	14	14	0		89.00	AD	FS	FS	No
2008	Enterococcus	2452_03	Tres Palacios Creek Arm	9	9	0		89.00	LD	NC	NC	No
2008	Fecal coliform	2452_02	Turtle Bay	120	120	6		400.00	AD	FS	FS	No
2008	Fecal coliform	2452_03	Tres Palacios Creek Arm	140	140	10		400.00	AD	FS	FS	No

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

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Segment ID: 2452A Tres Palacios Harbor (unclassified water body)

Water body type: Estuary

Water body size: 0 Sq. Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2452A_01 Entire water body	4	4	0			LD	NC	NC		No
Chronic Toxic Substances in water												
2006	Multiple	2452A_01 Entire water body	4	4	0			LD	NC	NC		No
Dissolved Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	2452A_01 Entire water body	13	13	0		4.00	AD	FS	FS		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	2452A_01 Entire water body	13	13	0		3.00	AD	FS	FS		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2452A_01 Entire water body	29	29	0		3.00	SM	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2452A_01 Entire water body	29	29	2		4.00	SM	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2452A_01 Entire water body	4	4	0			LD	NC	NC		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	2452A_01 Entire water body	4	4				LD	NC	NC		No

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

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

Segment ID: 2452A Tres Palacios Harbor (unclassified water body)

Water body type: Estuary

Water body size: 0 Sq. Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
High pH												
2006	pH	2452A_01 Entire water body	29	29	2	9.00		AD	FS	FS		No
Low pH												
2006	pH	2452A_01 Entire water body	29	29	0	6.50		AD	FS	FS		No
Nutrient Screening Levels												
2006	Ammonia	2452A_01 Entire water body	19	19	7	0.10		AD	CS	CS		No
2006	Chlorophyll-a	2452A_01 Entire water body	18	18	2	11.60		AD	NC	NC		No
2006	Nitrate	2452A_01 Entire water body	8	8	1	0.17		LD	NC	NC		No
2006	Orthophosphorus	2452A_01 Entire water body	19	19	0	0.19		AD	NC	NC		No
2006	Total Phosphorus	2452A_01 Entire water body	19	19	0	0.21		AD	NC	NC		No
Water Temperature												
2006	Temperature	2452A_01 Entire water body	144	144	0	35.00		AD	FS	FS		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2452A_01 Entire water body	14	14		29.60	35.00	AD	FS	FS		No
2006	Fecal coliform	2452A_01 Entire water body	129	129		12.10	200.00	SM	FS	FS		No
Bacteria Single Sample												
2006	Enterococcus	2452A_01 Entire water body	14	14	3	89.00		AD	FS	FS		No
2006	Fecal coliform	2452A_01 Entire water body	129	129	6	400.00		SM	FS	FS		No

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

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

Segment ID: 2453 Lavaca Bay/Chocolate Bay

Water body type: Estuary

Water body size: 58 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Mercury	2453_01	Center portion of bay	22	22	0		2.10	AD	FS	FS	No
2006	Mercury	2453_02	North-northeastern portion of the bay near Point Comfort	13	13	0		2.10	AD	FS	FS	No
2006	Mercury	2453_03	Chocolate Bay area	12	12	0		2.10	AD	FS	FS	No
Chronic Toxic Substances in water												
2006	Mercury	2453_01	Center portion of bay	22	22		0.01	1.10	AD	FS	FS	No
2006	Mercury	2453_02	North-northeastern portion of the bay near Point Comfort	13	13		0.01	1.10	AD	FS	FS	No
2006	Mercury	2453_03	Chocolate Bay area	12	12		0.00	1.10	AD	FS	FS	No
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	2453_01	Center portion of bay	49	49	1		5.00	AD	FS	FS	No
2008	Dissolved Oxygen 24hr Avg	2453_02	North-northeastern portion of the bay near Point Comfort	20	20	1		5.00	AD	FS	FS	No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2453_01	Center portion of bay	49	49	2		4.00	AD	FS	FS	No
2008	Dissolved Oxygen 24hr Min	2453_02	North-northeastern portion of the bay near Point Comfort	20	20	0		4.00	AD	FS	FS	No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2453_01	Center portion of bay	828	221	0		4.00	SM	FS	FS	No
2008	Dissolved Oxygen Grab	2453_02	North-northeastern portion of the bay near Point Comfort	478	162	0		4.00	SM	FS	FS	No
2008	Dissolved Oxygen Grab	2453_03	Chocolate Bay area	55	19	0		4.00	AD	FS	FS	No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2453_01	Center portion of bay	828	221	3		5.00	SM	NC	NC	No
2008	Dissolved Oxygen Grab	2453_02	North-northeastern portion of the bay near Point Comfort	478	162	0		5.00	SM	NC	NC	No
2008	Dissolved Oxygen Grab	2453_03	Chocolate Bay area	55	19	1		5.00	AD	NC	NC	No

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

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Segment ID: 2453 Lavaca Bay/Chocolate Bay

Water body type: Estuary

Water body size: 58 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Toxic Substances in sediment												
2006	Multiple	2453_01	Center portion of bay	23	23	0		AD	NC	NC		No
2006	Multiple	2453_02	North-northeastern portion of the bay near Point Comfort	23	23	0		AD	NC	NC		No
2006	Multiple	2453_03	Chocolate Bay area	23	23	0		AD	NC	NC		No
2006	Multiple	2453_OW1	Center portion of bay	23	23	0		AD	NC	NC		No
2006	Multiple	2453_OW2	North-northeastern portion of the bay near Point Comfort	23	23	0		AD	NC	NC		No
2006	Multiple	2453_OW3	Chocolate Bay area	23	23	0		AD	NC	NC		No
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	2453_01	Center portion of bay					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2453_02	North-northeastern portion of the bay near Point Comfort					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2453_03	Chocolate Bay area					OE	FS	FS		No
HH Bioaccumulative Toxics in water												
2006	Mercury	2453_01	Center portion of bay	80	80		0.01	0.03	AD	FS	FS	No
2006	Mercury	2453_02	North-northeastern portion of the bay near Point Comfort	80	80		0.01	0.03	AD	FS	FS	No
2006	Mercury	2453_03	Chocolate Bay area	80	80		0.01	0.03	AD	FS	FS	No
2006	Mercury	2453_OW1	Center portion of bay	80	80		0.01	0.03	AD	FS	FS	No
2006	Mercury	2453_OW2	North-northeastern portion of the bay near Point Comfort	80	80		0.01	0.03	AD	FS	FS	No
2006	Mercury	2453_OW3	Chocolate Bay area	80	80		0.01	0.03	AD	FS	FS	No

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

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

Segment ID: 2453 Lavaca Bay/Chocolate Bay

Water body type: Estuary

Water body size: 58 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
High pH												
2008	pH	2453_01	Center portion of bay	830	223	0	9.00	AD	FS	FS		No
2008	pH	2453_02	North-northeastern portion of the bay near Point Comfort	479	163	1	9.00	AD	FS	FS		No
2008	pH	2453_03	Chocolate Bay area	56	20	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2453_01	Center portion of bay	830	223	0	6.50	AD	FS	FS		No
2008	pH	2453_02	North-northeastern portion of the bay near Point Comfort	479	163	0	6.50	AD	FS	FS		No
2008	pH	2453_03	Chocolate Bay area	56	20	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2453_01	Center portion of bay	74	74	2	0.10	AD	NC	NC		No
2008	Ammonia	2453_02	North-northeastern portion of the bay near Point Comfort	56	56	0	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2453_01	Center portion of bay	80	80	18	11.60	AD	NC	NC		No
2008	Chlorophyll-a	2453_02	North-northeastern portion of the bay near Point Comfort	44	44	16	11.60	AD	CS	CS		No
2008	Nitrate	2453_01	Center portion of bay	74	74	15	0.17	AD	NC	NC		No
2008	Nitrate	2453_02	North-northeastern portion of the bay near Point Comfort	60	60	14	0.17	AD	NC	NC		No
2008	Orthophosphorus	2453_01	Center portion of bay	72	72	10	0.19	AD	NC	NC		No
2008	Orthophosphorus	2453_02	North-northeastern portion of the bay near Point Comfort	55	55	4	0.19	AD	NC	NC		No
2008	Total Phosphorus	2453_01	Center portion of bay	56	56	1	0.21	AD	NC	NC		No
2008	Total Phosphorus	2453_02	North-northeastern portion of the bay near Point Comfort	45	45	10	0.21	AD	NC	NC		No

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

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Segment ID: 2453 Lavaca Bay/Chocolate Bay

Water body type: Estuary

Water body size: 58 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
Water Temperature												
2008	Temperature	2453_01	Center portion of bay	1,161	554	0	35.00	AD	FS	FS		No
2008	Temperature	2453_02	North-northeastern portion of the bay near Point Comfort	812	497	0	35.00	AD	FS	FS		No
2008	Temperature	2453_03	Chocolate Bay area	191	155	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2453_01	Center portion of bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2453_02	North-northeastern portion of the bay near Point Comfort					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2453_03	Chocolate Bay area					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2453_OW1	Center portion of bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2453_OW2	North-northeastern portion of the bay near Point Comfort					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2453_OW3	Chocolate Bay area					OE	NS	NS	5a	No

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

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Segment ID: 2453 Lavaca Bay/Chocolate Bay

Water body type: Estuary

Water body size: 58 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2453_01	Center portion of bay	44	44	0	17.51	35.00	AD	FS	FS	No
2008	Enterococcus	2453_02	North-northeastern portion of the bay near Point Comfort	23	23	0	17.33	35.00	AD	FS	FS	No
2008	Fecal coliform	2453_01	Center portion of bay	717	717	0	6.61	200.00	SM	FS	FS	No
2008	Fecal coliform	2453_02	North-northeastern portion of the bay near Point Comfort	661	661	0	19.60	200.00	SM	FS	FS	No
2008	Fecal coliform	2453_03	Chocolate Bay area	270	270	0	12.68	200.00	AD	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2453_01	Center portion of bay	44	44	2		89.00	AD	FS	FS	No
2008	Enterococcus	2453_02	North-northeastern portion of the bay near Point Comfort	23	23	1		89.00	AD	FS	FS	No
2008	Fecal coliform	2453_01	Center portion of bay	717	717	31		400.00	SM	FS	FS	No
2008	Fecal coliform	2453_02	North-northeastern portion of the bay near Point Comfort	661	661	67		400.00	SM	FS	FS	No
2008	Fecal coliform	2453_03	Chocolate Bay area	270	270	23		400.00	AD	FS	FS	No

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

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Segment ID: 2453A Garcitas Creek Tidal (unclassified water body)

Water body type: Tidal Stream

Water body size: 15 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	2453A_01 Entire water body	12	12	3	4.00	AD	NS	NS	5b	No	
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2453A_01 Entire water body	12	12	2	3.00	AD	FS	FS		No	
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2453A_01 Entire water body	101	36	1	3.00	SM	FS	FS		No	
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2453A_01 Entire water body	101	36	2	4.00	SM	NC	NC		No	
General Use												
Nutrient Screening Levels												
2008	Ammonia	2453A_01 Entire water body	69	69	0	0.46	AD	NC	NC		No	
2008	Chlorophyll-a	2453A_01 Entire water body	33	33	5	21.00	AD	NC	NC		No	
2008	Nitrate	2453A_01 Entire water body	61	61	0	1.10	AD	NC	NC		No	
2008	Orthophosphorus	2453A_01 Entire water body	50	50		0.46	AD	NC	NC		No	
2008	Total Phosphorus	2453A_01 Entire water body	69	69	0	0.66	AD	NC	NC		No	

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

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Segment ID: 2453B Lynns Bayou Basin (unclassified water body)

Water body type: Estuary

Water body size: 0 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2453B_01	Entire water body	2	2			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2453B_01	Entire water body	2	2			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2453B_01	Entire water body	5	5	0	3.00	TR	NA	NA		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2453B_01	Entire water body	5	5	0	4.00	TR	NA	NA		No

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

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

Segment ID: 2453C Arenosa Creek Tidal (unclassified water body)

Water body type: Tidal Stream

Water body size: 26 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2453C_01	Entire water body	2	2			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2453C_01	Entire water body	2	2			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2453C_01	Entire water body	31	31	3	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2453C_01	Entire water body	31	31	4	4.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2453C_01	Entire water body	14	14	2	0.46	AD	NC	NC		No
2006	Chlorophyll-a	2453C_01	Entire water body	31	31	3	21.00	AD	NC	NC		No
2006	Nitrate	2453C_01	Entire water body	31	31	0	1.10	AD	NC	NC		No
2006	Total Phosphorus	2453C_01	Entire water body	31	31	1	0.66	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Fecal coliform	2453C_01	Entire water body	12	12		162.00	AD	FS	FS		No
Bacteria Single Sample												
2006	Fecal coliform	2453C_01	Entire water body	12	12	3	400.00	AD	FS	FS		No

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

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Segment ID: 2453D Lavaca Bay Ship Channel Area (unclassified water body)

Water body type: Estuary

Water body size: 2 Sq. Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Mercury	2453D_01	Entire water body	33	33	0	2.10	AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Mercury	2453D_01	Entire water body	33	33	0.01	1.10	AD	FS	FS		No
Dissolved Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	2453D_01	Entire water body	22	22	1	4.00	AD	FS	FS		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	2453D_01	Entire water body	22	22	6	3.00	AD	NS	NS	5c	No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2453D_01	Entire water body	58	58	0	3.00	SM	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2453D_01	Entire water body	58	58	0	4.00	AD	NC	NC		No
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2006	Mercury	2453D_01	Entire water body					OE	NS	NS	4b	No
HH Bioaccumulative Toxics in water												
2006	Mercury	2453D_01	Entire water body	33	33	0.01	0.03	AD	FS	FS		No

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

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Segment ID: 2453D Lavaca Bay Ship Channel Area (unclassified water body)

Water body type: Estuary

Water body size: 2 Sq. Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
High pH												
2006	pH	2453D_01 Entire water body	59	59	0		9.00	AD	FS	FS		No
Low pH												
2006	pH	2453D_01 Entire water body	59	59	0		6.50	AD	FS	FS		No
Nutrient Screening Levels												
2006	Ammonia	2453D_01 Entire water body	25	25	1		0.10	AD	NC	NC		No
2006	Chlorophyll-a	2453D_01 Entire water body	28	28	0		11.60	AD	NC	NC		No
2006	Nitrate	2453D_01 Entire water body	25	25	5		0.17	AD	NC	NC		No
2006	Orthophosphorus	2453D_01 Entire water body	25	25	1		0.19	AD	NC	NC		No
2006	Total Phosphorus	2453D_01 Entire water body	19	19	0		0.21	AD	NC	NC		No
Water Temperature												
2006	Temperature	2453D_01 Entire water body	128	128	0		35.00	AD	FS	FS		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2453D_01 Entire water body	12	12		10.60	35.00	AD	FS	FS		No
2006	Fecal coliform	2453D_01 Entire water body	78	78		5.60	200.00	SM	FS	FS		No
Bacteria Single Sample												
2006	Enterococcus	2453D_01 Entire water body	12	12	0		89.00	AD	FS	FS		No
2006	Fecal coliform	2453D_01 Entire water body	78	78	3		400.00	SM	FS	FS		No

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

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Segment ID: 2454 Cox Bay

Water body type: Estuary

Water body size: 3 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2454_02	Remainder of Cox Bay	13	13			AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Multiple	2454_02	Remainder of Cox Bay	13	13			AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2454_01	North end of bay near Cox Creek	77	33	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2454_02	Remainder of Cox Bay	77	33	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2454_02	Remainder of Cox Bay	77	33	0	5.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2454_01	North end of bay near Cox Creek	6	6			LD	NC	NC		No
2006	Multiple	2454_02	Remainder of Cox Bay	6	6			LD	NC	NC		No
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	2454_01	North end of bay near Cox Creek					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2454_02	Remainder of Cox Bay					OE	FS	FS		No

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

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Segment ID: 2454 Cox Bay

Water body type: Estuary

Water body size: 3 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
High pH												
2008	pH	2454_01	North end of bay near Cox Creek	77	33	0	9.00	AD	FS	FS		No
2008	pH	2454_02	Remainder of Cox Bay	77	33	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2454_01	North end of bay near Cox Creek	77	33	0	6.50	AD	FS	FS		No
2008	pH	2454_02	Remainder of Cox Bay	77	33	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2454_01	North end of bay near Cox Creek	28	28	1	0.10	AD	NC	NC		No
2008	Ammonia	2454_02	Remainder of Cox Bay	28	28	1	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2454_01	North end of bay near Cox Creek	28	28	6	11.60	AD	NC	NC		No
2008	Chlorophyll-a	2454_02	Remainder of Cox Bay	28	28	6	11.60	AD	NC	NC		No
2008	Nitrate	2454_01	North end of bay near Cox Creek	28	28	10	0.17	AD	CS	CS		No
2008	Nitrate	2454_02	Remainder of Cox Bay	28	28	10	0.17	AD	CS	CS		No
2008	Orthophosphorus	2454_01	North end of bay near Cox Creek	28	28	5	0.19	AD	NC	NC		No
2008	Orthophosphorus	2454_02	Remainder of Cox Bay	28	28	5	0.19	AD	NC	NC		No
2008	Total Phosphorus	2454_01	North end of bay near Cox Creek	29	29	3	0.21	AD	NC	NC		No
2008	Total Phosphorus	2454_02	Remainder of Cox Bay	29	29	3	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2454_01	North end of bay near Cox Creek	140	96	0	35.00	AD	FS	FS		No
2008	Temperature	2454_02	Remainder of Cox Bay	140	96	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2454_01	North end of bay near Cox Creek					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2454_02	Remainder of Cox Bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2454_OW1	North end of bay near Cox Creek					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2454_OW2	Remainder of Cox Bay					OE	FS	FS		No

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

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Segment ID: 2454 **Cox Bay**

Water body type: Estuary

Water body size: 3 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2454_01	North end of bay near Cox Creek	21	21	0	16.80	35.00	AD	FS	FS	No
2008	Enterococcus	2454_02	Remainder of Cox Bay	21	21		16.80	35.00	AD	FS	FS	No
2008	Fecal coliform	2454_01	North end of bay near Cox Creek	143	143	0	4.73	200.00	AD	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2454_01	North end of bay near Cox Creek	21	21	1		89.00	AD	FS	FS	No
2008	Enterococcus	2454_02	Remainder of Cox Bay	21	21	1		89.00	AD	FS	FS	No
2008	Fecal coliform	2454_01	North end of bay near Cox Creek	143	143	1		400.00	AD	FS	FS	No

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

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Segment ID: 2454A Cox Lake (unclassified water body)

Water body type: Reservoir

Water body size: 416 Acres

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2454A_01 Entire water body	19	19	0		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2454A_01 Entire water body	19	19	1		5.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2454A_01 Entire water body	16	16	3		0.10	AD	NC	NC		No
2006	Chlorophyll-a	2454A_01 Entire water body	16	16	5		5.00	AD	CS	CS		No
2006	Nitrate	2454A_01 Entire water body	16	16	9		0.17	AD	CS	CS		No
2006	Orthophosphorus	2454A_01 Entire water body	16	16	0		0.19	AD	NC	NC		No
2006	Total Phosphorus	2454A_01 Entire water body	16	16	15		0.21	AD	CS	CS		No
Recreation Use												
Bacteria Geomean												
2006	E. coli	2454A_01 Entire water body	7	7		31.00	126.00	LD	NC	NC		No
2006	Fecal coliform	2454A_01 Entire water body	5	5		34.00	200.00	SM	NC	NC		No
Bacteria Single Sample												
2006	E. coli	2454A_01 Entire water body	7	7	0		394.00	LD	NC	NC		No
2006	Fecal coliform	2454A_01 Entire water body	5	5	0		400.00	SM	NC	NC		No

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

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Segment ID: 2455 Keller Bay

Water body type: Estuary

Water body size: 8 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2455_02	Remainder of Keller Bay	51	28	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2455_02	Remainder of Keller Bay	51	28	1	5.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2455_01	Upper arm	4	4	0		LD	NC	NC		No
2006	Multiple	2455_02	Remainder of Keller Bay	4	4	0		LD	NC	NC		No
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	2455_01	Upper arm					OE	FS	FS		No
2008	Risk Assess.- No Advisory	2455_02	Remainder of Keller Bay					OE	FS	FS		No
General Use												
High pH												
2008	pH	2455_02	Remainder of Keller Bay	51	28	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2455_02	Remainder of Keller Bay	51	28	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2455_02	Remainder of Keller Bay	28	28	1	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2455_02	Remainder of Keller Bay	28	28	4	11.60	AD	NC	NC		No
2008	Nitrate	2455_02	Remainder of Keller Bay	28	28	3	0.17	AD	NC	NC		No
2008	Orthophosphorus	2455_02	Remainder of Keller Bay	27	27	5	0.19	AD	NC	NC		No
2008	Total Phosphorus	2455_02	Remainder of Keller Bay	28	28	0	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2455_02	Remainder of Keller Bay	114	91	0	35.00	AD	FS	FS		No

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

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Segment ID: 2455 Keller Bay

Water body type: Estuary

Water body size: 8 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2455_01	Upper arm					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2455_02	Remainder of Keller Bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2455_OW1	Upper arm					OE	NA	NA		No
2008	DSHS Shellfishing Restrictions	2455_OW2	Remainder of Keller Bay					OE	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2455_02	Remainder of Keller Bay	21	21	0	14.55	35.00	AD	FS	FS	No
2008	Fecal coliform	2455_02	Remainder of Keller Bay	146	146	0	5.13	200.00	SM	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2455_02	Remainder of Keller Bay	21	21	2		89.00	AD	FS	FS	No
2008	Fecal coliform	2455_02	Remainder of Keller Bay	146	146	7		400.00	SM	FS	FS	No

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Segment ID: 2456 Carancahua Bay

Water body type: Estuary

Water body size: 19 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	2456_02	Upper half of bay	14	14	0	5.00	AD	FS	FS		No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2456_02	Upper half of bay	14	14	1	4.00	AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2456_02	Upper half of bay	100	62	0	4.00	SM	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2456_02	Upper half of bay	100	62	0	5.00	SM	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2456_02	Upper half of bay	2	2			ID	NA	NA		No
General Use												
High pH												
2008	pH	2456_02	Upper half of bay	97	61	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2456_02	Upper half of bay	97	61	2	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2456_02	Upper half of bay	46	46	5	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2456_02	Upper half of bay	39	39	25	11.60	AD	CS	CS		No
2008	Nitrate	2456_02	Upper half of bay	46	46	21	0.17	AD	CS	CS		No
2008	Orthophosphorus	2456_02	Upper half of bay	42	42	11	0.19	AD	CS	CS		No
2008	Total Phosphorus	2456_02	Upper half of bay	44	44	32	0.21	AD	CS	CS		No
Water Temperature												
2008	Temperature	2456_01	Lower half of bay	71	71	0	35.00	AD	FS	FS		No
2008	Temperature	2456_02	Upper half of bay	170	132	0	35.00	AD	FS	FS		No

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

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Segment ID: 2456 Carancahua Bay

Water body type: Estuary

Water body size: 19 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
Oyster Waters Use													
DSHS Shellfish Harvesting Maps													
2008	DSHS Shellfishing Restrictions	2456_01	Lower half of bay					OE	FS	FS		No	
2008	DSHS Shellfishing Restrictions	2456_02	Upper half of bay					OE	NS	NS	5a	No	
2008	DSHS Shellfishing Restrictions	2456_OW1	Lower portion of bay					OE	FS	FS		No	
2008	DSHS Shellfishing Restrictions	2456_OW2	Upper portion of bay and shoreline area					OE	NS	NS	5a	No	
Recreation Use													
Bacteria Geomean													
2008	Enterococcus	2456_02	Upper half of bay	20	20	1	106.84	35.00	AD	NS	NS	5c	No
2008	Fecal coliform	2456_01	Lower half of bay	122	122	0	3.65	200.00	AD	FS	FS		No
2008	Fecal coliform	2456_02	Upper half of bay	145	145	0	7.90	200.00	SM	FS	FS		No
Bacteria Single Sample													
2008	Enterococcus	2456_02	Upper half of bay	20	20	8		89.00	AD	NS	NS	5c	No
2008	Fecal coliform	2456_01	Lower half of bay	122	122	0		400.00	AD	FS	FS		No
2008	Fecal coliform	2456_02	Upper half of bay	145	145	9		400.00	SM	FS	FS		No

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Segment ID: 2456A West Carancahua Creek Tidal (unclassified water body)

Water body type: Tidal Stream

Water body size: 14 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	2456A_01 Entire water body	14	12	6	4.00	AD	NS	NS	5c	No	
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	2456A_01 Entire water body	14	12	9	3.00	AD	NS	NS	5c	No	
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2456A_01 Entire water body	11	11	5	3.00	SM	NS	NS		No	
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2456A_01 Entire water body	11	11	8	4.00	AD	CS	CS		No	
General Use												
Nutrient Screening Levels												
2006	Ammonia	2456A_01 Entire water body	42	42	2	0.46	AD	NC	NC		No	
2006	Chlorophyll-a	2456A_01 Entire water body	26	26	5	21.00	AD	NC	NC		No	
2006	Orthophosphorus	2456A_01 Entire water body	36	36	0	0.46	AD	NC	NC		No	
2006	Total Phosphorus	2456A_01 Entire water body	42	42	1	0.66	AD	NC	NC		No	

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Segment ID: 2461 Espiritu Santo Bay

Water body type: Estuary

Water body size: 61 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2461_01	Entire segment	79	45	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2461_01	Entire segment	79	45	0	5.00	AD	NC	NC		No
General Use												
High pH												
2008	pH	2461_01	Entire segment	79	45	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2461_01	Entire segment	79	45	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2461_01	Entire segment	43	43	4	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2461_01	Entire segment	43	43	2	11.60	AD	NC	NC		No
2008	Nitrate	2461_01	Entire segment	43	43	17	0.17	AD	CS	CS		No
2008	Orthophosphorus	2461_01	Entire segment	43	43	1	0.19	AD	NC	NC		No
2008	Total Phosphorus	2461_01	Entire segment	43	43	0	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2461_01	Entire segment	187	154	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2461_01	Entire segment					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2461_OW1	Entire water body					OE	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2461_01	Entire segment	39	39	0	10.58	35.00	AD	FS	FS	No
2008	Fecal coliform	2461_01	Entire segment	236	236	0	2.81	200.00	SM	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2461_01	Entire segment	39	39	2	89.00	AD	FS	FS		No
2008	Fecal coliform	2461_01	Entire segment	236	236	0	400.00	AD	FS	FS		No

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Segment ID: 2462 San Antonio Bay/Hynes Bay/Guadalupe Bay

Water body type: Estuary

Water body size: 120 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2462_01	San Antonio and Hynes Bays	5	5			LD	NC	NC		No
Chronic Toxic Substances in water												
2006	Multiple	2462_01	San Antonio and Hynes Bays	5	5			LD	NC	NC		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2462_01	San Antonio and Hynes Bays	72	50	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2462_01	San Antonio and Hynes Bays	72	50	1	5.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2462_01	San Antonio and Hynes Bays	5	5			LD	NC	NC		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	2462_01	San Antonio and Hynes Bays	5	5			LD	NC	NC		No
General Use												
High pH												
2008	pH	2462_01	San Antonio and Hynes Bays	70	49	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2462_01	San Antonio and Hynes Bays	70	49	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2462_01	San Antonio and Hynes Bays	49	49	3	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2462_01	San Antonio and Hynes Bays	45	45	11	11.60	AD	NC	NC		No
2008	Nitrate	2462_01	San Antonio and Hynes Bays	48	48	21	0.17	AD	CS	CS		No
2008	Orthophosphorus	2462_01	San Antonio and Hynes Bays	35	35	7	0.19	AD	NC	NC		No
2008	Total Phosphorus	2462_01	San Antonio and Hynes Bays	49	49	12	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2462_01	San Antonio and Hynes Bays	467	446	0	35.00	AD	FS	FS		No

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

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Segment ID: 2462 San Antonio Bay/Hynes Bay/Guadalupe Bay

Water body type: Estuary

Water body size: 120 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2462_02	Guadalupe Bay					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2462_OW1	Guadalupe Bay					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2462_OW2	Hynes Bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2462_OW3	San Antonio Bay shoreline area					OE	NA	NA		No
2008	DSHS Shellfishing Restrictions	2462_OW4	Remainder of San Antonio Bay					OE	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2462_01	San Antonio and Hynes Bays	49	49	0	10.54	35.00	AD	FS	FS	No
2008	Fecal coliform	2462_01	San Antonio and Hynes Bays	689	689	0	5.47	200.00	SM	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2462_01	San Antonio and Hynes Bays	49	49	4		89.00	AD	FS	FS	No
2008	Fecal coliform	2462_01	San Antonio and Hynes Bays	689	689	7		400.00	SM	FS	FS	No

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

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

Segment ID: 2463 Mesquite Bay/Carlos Bay/Ayres Bay

Water body type: Estuary

Water body size: 13 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2463_01	Entire water body	45	28	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2463_01	Entire water body	45	28	0	5.00	AD	NC	NC		No
General Use												
High pH												
2008	pH	2463_01	Entire water body	45	28	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2463_01	Entire water body	45	28	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2463_01	Entire water body	28	28	2	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2463_01	Entire water body	28	28	3	11.60	AD	NC	NC		No
2008	Nitrate	2463_01	Entire water body	28	28	7	0.17	AD	NC	NC		No
2008	Orthophosphorus	2463_01	Entire water body	28	28	3	0.19	AD	NC	NC		No
2008	Total Phosphorus	2463_01	Entire water body	28	28	0	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2463_01	Entire water body	103	86	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2463_01	Entire water body					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2463_OW1	Western shoreline					OE	NA	NA		No
2008	DSHS Shellfishing Restrictions	2463_OW2	Remainder of Mesquite Bay					OE	FS	FS		No

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

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

Segment ID: 2463 Mesquite Bay/Carlos Bay/Ayres Bay

Water body type: Estuary

Water body size: 13 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2463_01	Entire water body	25	25	0	8.20	35.00	AD	FS	FS	No
2008	Fecal coliform	2463_01	Entire water body	127	127	0	2.89	200.00	SM	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2463_01	Entire water body	25	25	0		89.00	AD	FS	FS	No
2008	Fecal coliform	2463_01	Entire water body	127	127	0		400.00	SM	FS	FS	No

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

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

Segment ID: 2471 Aransas Bay

Water body type: Estuary

Water body size: 88 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2471_01	Entire segment	37	37			AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Multiple	2471_01	Entire segment	37	37			AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2471_01	Entire segment	70	33	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2471_01	Entire segment	70	33	0	5.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2471_01	Entire segment	25	25			AD	NC	NC		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	2471_01	Entire segment	37	37			AD	FS	FS		No
General Use												
High pH												
2008	pH	2471_01	Entire segment	69	32	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2471_01	Entire segment	69	32	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2471_01	Entire segment	32	32	1	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2471_01	Entire segment	32	32	1	11.60	AD	NC	NC		No
2008	Nitrate	2471_01	Entire segment	27	27	7	0.17	AD	NC	NC		No
2008	Orthophosphorus	2471_01	Entire segment	27	27	7	0.19	AD	NC	NC		No
2008	Total Phosphorus	2471_01	Entire segment	31	31	0	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2471_01	Entire segment	182	145	0	35.00	AD	FS	FS		No

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

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

Segment ID: 2471 Aransas Bay

Water body type: Estuary

Water body size: 88 Sq. miles

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

DSHS Shellfish Harvesting Maps

2008	DSHS Shellfishing Restrictions	2471_01	Entire segment					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2471_OW1	Western shoreline					OE	NA	NA		No
2008	DSHS Shellfishing Restrictions	2471_OW2	Remainder of bay					OE	FS	FS		No

Recreation Use

Bacteria Geomean

2008	Enterococcus	2471_01	Entire segment	22	22	0	6.90	35.00	AD	FS	FS	No
2008	Fecal coliform	2471_01	Entire segment	222	222	0	2.36	200.00	SM	FS	FS	No

Bacteria Single Sample

2008	Enterococcus	2471_01	Entire segment	22	22	0		89.00	AD	FS	FS	No
2008	Fecal coliform	2471_01	Entire segment	222	222	0		400.00	SM	FS	FS	No

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

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Segment ID: 2472 Copano Bay/Port Bay/Mission Bay

Water body type: Estuary

Water body size: 65 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	30	30	0		AD	FS	FS		No
2006	Multiple	2472_02	Entire water body	30	30	0		AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Multiple	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	30	30	0		AD	FS	FS		No
2006	Multiple	2472_02	Entire water body	30	30	0		AD	FS	FS		No
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	10	10	0	5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	2472_02	Entire water body	10	10	0	5.00	AD	FS	FS		No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	10	10	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	2472_02	Entire water body	10	10	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	6	6	0	4.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	2472_02	Entire water body	174	145	0	4.00	SM	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	6	6	0	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	2472_02	Entire water body	174	145	12	5.00	SM	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	14	14	0		AD	NC	NC		No
2006	Multiple	2472_02	Entire water body	14	14			AD	NC	NC		No

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

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Segment ID: 2472 Copano Bay/Port Bay/Mission Bay

Water body type: Estuary

Water body size: 65 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
High pH												
2008	pH	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	6	6	0	9.00	LD	NC	NC		No
2008	pH	2472_02	Entire water body	174	145	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	6	6	0	6.50	LD	NC	NC		No
2008	pH	2472_02	Entire water body	174	145	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	6	6	0	0.10	LD	NC	NC		No
2008	Ammonia	2472_02	Entire water body	145	145	3	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	6	6	0	11.60	LD	NC	NC		No
2008	Chlorophyll-a	2472_02	Entire water body	133	133	10	11.60	AD	NC	NC		No
2008	Nitrate	2472_02	Entire water body	116	116	10	0.17	AD	NC	NC		No
2008	Orthophosphorus	2472_02	Entire water body	77	77	6	0.19	AD	NC	NC		No
2008	Total Phosphorus	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	6	6	0	0.21	LD	NC	NC		No
2008	Total Phosphorus	2472_02	Entire water body	145	145	8	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline	6	6	0	35.00	LD	NC	NC		No
2008	Temperature	2472_02	Entire water body	222	193	0	35.00	AD	FS	FS		No

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

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

Segment ID: 2472 Copano Bay/Port Bay/Mission Bay

Water body type: Estuary

Water body size: 65 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2472_01	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2472_02	Entire water body					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2472_OW1	Mission Bay, Aransas River arm, Port Bay, and eastern shoreline					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2472_OW2	Remainder of Copano Bay					OE	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2472_02	Entire water body	113	113	0	11.97	35.00	AD	FS	FS	No
2008	Fecal coliform	2472_02	Entire water body	152	152	0	4.89	200.00	SM	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2472_02	Entire water body	113	113	8		89.00	AD	FS	FS	No
2008	Fecal coliform	2472_02	Entire water body	152	152	1		400.00	SM	FS	FS	No

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

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

Segment ID: 2473 St. Charles Bay

Water body type: Estuary

Water body size: 13 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2473_01	Entire bay	7	7			LD	NC	NC		No
Chronic Toxic Substances in water												
2006	Multiple	2473_01	Entire bay	7	7			LD	NC	NC		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2473_01	Entire bay	35	35	3	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2473_01	Entire bay	35	35	5	5.00	AD	CS	CS		No
Toxic Substances in sediment												
2006	Multiple	2473_01	Entire bay	3	3			ID	NA	NA		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	2473_01	Entire bay	7	7			LD	NC	NC		No
General Use												
High pH												
2008	pH	2473_01	Entire bay	35	35	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2473_01	Entire bay	35	35	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2473_01	Entire bay	35	35	1	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2473_01	Entire bay	31	31	1	11.60	AD	NC	NC		No
2008	Nitrate	2473_01	Entire bay	27	27	1	0.17	AD	NC	NC		No
2008	Orthophosphorus	2473_01	Entire bay	14	14	0	0.19	AD	NC	NC		No
2008	Total Phosphorus	2473_01	Entire bay	35	35	0	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2473_01	Entire bay	71	71	0	35.00	AD	FS	FS		No

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

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

Segment ID: 2473 **St. Charles Bay**

Water body type: Estuary

Water body size: 13 Sq. miles

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

DSHS Shellfish Harvesting Maps

2008	DSHS Shellfishing Restrictions	2473_01	Entire bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2473_OW1	Remainder of Bay					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2473_OW2	Southwest corner of St Charles Bay					OE	NA	NA		No

Recreation Use

Bacteria Geomean

2008	Enterococcus	2473_01	Entire bay	31	31	0	19.79	35.00	AD	FS	FS	No
2008	Fecal coliform	2473_01	Entire bay	88	88	0	4.32	200.00	SM	FS	FS	No

Bacteria Single Sample

2008	Enterococcus	2473_01	Entire bay	31	31	7		89.00	AD	FS	FS	No
2008	Fecal coliform	2473_01	Entire bay	88	88	2		400.00	SM	FS	FS	No

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

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

Segment ID: 2481 Corpus Christi Bay

Water body type: Estuary

Water body size: 123 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2481_01	Entire segment	138	138			AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Multiple	2481_01	Entire segment	138	138			AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2481_01	Entire segment	417	195	1	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2481_01	Entire segment	417	195	6	5.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2481_01	Entire segment	47	47			AD	NC	NC		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	2481_01	Entire segment	138	138			AD	FS	FS		No
General Use												
High pH												
2008	pH	2481_01	Entire segment	418	195	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2481_01	Entire segment	418	195	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2481_01	Entire segment	195	195	3	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2481_01	Entire segment	195	195	7	11.60	AD	NC	NC		No
2008	Nitrate	2481_01	Entire segment	118	118	4	0.17	AD	NC	NC		No
2008	Orthophosphorus	2481_01	Entire segment	119	119	27	0.19	AD	NC	NC		No
2008	Total Phosphorus	2481_01	Entire segment	193	193	2	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2481_01	Entire segment	685	462	0	35.00	AD	FS	FS		No

Additional Information: Hypoxia (very low DO) has been documented in the southeastern portion of Corpus Christi Bay every summer since 1988. However, historical data shows that hypoxia is limited to the bottom 1-2 meters of the bay and the events are short in duration.

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

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Segment ID: 2481 Corpus Christi Bay

Water body type: Estuary

Water body size: 123 Sq. miles

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

DSHS Shellfish Harvesting Maps

2008	DSHS Shellfishing Restrictions	2481_01	Entire segment					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2481_OW1	Shoreline area					OE	NA	NA		No
2008	DSHS Shellfishing Restrictions	2481_OW2	Remainder of Corpus Christi Bay					OE	FS	FS		No

Recreation Use

Bacteria Geomean

2008	Enterococcus	2481_01	Entire segment	111	111	0	11.76	35.00	AD	FS	FS	No
2008	Fecal coliform	2481_01	Entire segment	609	609	0	3.52	200.00	SM	FS	FS	No

Bacteria Single Sample

2008	Enterococcus	2481_01	Entire segment	111	111	4		89.00	AD	FS	FS	No
2008	Fecal coliform	2481_01	Entire segment	609	609	3		400.00	SM	FS	FS	No

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

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

Segment ID: 2482 Nueces Bay

Water body type: Estuary

Water body size: 29 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2482_01	Entire bay	25	25	0		AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Multiple	2482_01	Entire bay	25	25			AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2482_01	Entire bay	240	134	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2482_01	Entire bay	240	134	2	5.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2482_01	Entire bay	19	19	0		AD	NC	NC		No
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	2482_01	Entire bay					OE	FS	FS		No
HH Bioaccumulative Toxics in water												
2006	Multiple	2482_01	Entire bay	25	25			AD	FS	FS		No
General Use												
High pH												
2008	pH	2482_01	Entire bay	240	134	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2482_01	Entire bay	240	134	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2482_01	Entire bay	94	94	3	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2482_01	Entire bay	93	93	7	11.60	AD	NC	NC		No
2008	Nitrate	2482_01	Entire bay	83	83	6	0.17	AD	NC	NC		No
2008	Orthophosphorus	2482_01	Entire bay	83	83	19	0.19	AD	NC	NC		No
2008	Total Phosphorus	2482_01	Entire bay	92	92	16	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2482_01	Entire bay	300	194	0	35.00	AD	FS	FS		No

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

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Segment ID: 2482 Nueces Bay

Water body type: Estuary

Water body size: 29 Sq. miles

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

DSHS Shellfish Harvesting Maps

2008	DSHS Shellfishing Restrictions	2482_01	Entire bay					OE	NS	NS	4a	No
2008	DSHS Shellfishing Restrictions	2482_OW1	Entire bay					OE	NS	NS	4a	No

Recreation Use

Bacteria Geomean

2008	Enterococcus	2482_01	Entire bay	69	69	0	17.42	35.00	AD	FS	FS	No
2008	Enterococcus	2482_01	Entire bay	69	69	6		89.00	AD	FS	FS	No

Bacteria Single Sample

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

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Segment ID: 2483 Redfish Bay

Water body type: Estuary

Water body size: 29 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2483_01	Entire segment	15	15			AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Multiple	2483_01	Entire segment	15	15			AD	FS	FS		No
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	2483_01	Entire segment	10	10	0	5.00	AD	FS	FS		No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2483_01	Entire segment	10	10	1	4.00	AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2483_01	Entire segment	108	64	0	4.00	SM	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2483_01	Entire segment	108	64	3	5.00	SM	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2483_01	Entire segment	13	13			AD	NC	NC		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	2483_01	Entire segment	15	15			AD	FS	FS		No

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

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 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 2483 Redfish Bay

Water body type: Estuary

Water body size: 29 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use												
High pH												
2008	pH	2483_01	Entire segment	105	63	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2483_01	Entire segment	105	63	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2483_01	Entire segment	60	60	2	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2483_01	Entire segment	56	56	4	11.60	AD	NC	NC		No
2008	Nitrate	2483_01	Entire segment	52	52	7	0.17	AD	NC	NC		No
2008	Orthophosphorus	2483_01	Entire segment	39	39	6	0.19	AD	NC	NC		No
2008	Total Phosphorus	2483_01	Entire segment	59	59	1	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2483_01	Entire segment	241	197	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2483_01	Entire segment					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2483_OW1	Entire segment					OE	NS	NS	5a	No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2483_01	Entire segment	46	46	0	8.55	AD	FS	FS		No
Bacteria Single Sample												
2008	Enterococcus	2483_01	Entire segment	46	46	1	89.00	AD	FS	FS		No

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

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Segment ID: 2483A Conn Brown Harbor (unclassified water body)

Water body type: Estuary

Water body size: 0 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2483A_01	Entire water body	1	1			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2483A_01	Entire water body	1	1			ID	NA	NA		No
Dissolved Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	2483A_01	Entire water body	13	10	0	4.00	AD	FS	FS		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	2483A_01	Entire water body	13	13	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2483A_01	Entire water body	20	20	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2483A_01	Entire water body	20	20	0	4.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2483A_01	Entire water body	4	4	0	0.10	LD	NC	NC		No
2006	Chlorophyll-a	2483A_01	Entire water body	4	4	0	11.60	LD	NC	NC		No
2006	Nitrate	2483A_01	Entire water body	4	4	1	0.17	LD	NC	NC		No
2006	Orthophosphorus	2483A_01	Entire water body	4	4	0	0.19	LD	NC	NC		No
2006	Total Phosphorus	2483A_01	Entire water body	4	4	0	0.21	LD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2483A_01	Entire water body	2	2		35.00	ID	NA	NA		No
2006	Fecal coliform	2483A_01	Entire water body	4	4		4.20	LD	NC	NC		No
Bacteria Single Sample												
2006	Enterococcus	2483A_01	Entire water body	2	2	0	89.00	ID	NA	NA		No
2006	Fecal coliform	2483A_01	Entire water body	4	4	0	400.00	LD	NC	NC		No

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

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 JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to impairments without sufficient information in 2008 to re-evaluate the level of support.

Segment ID: 2484 Corpus Christi Inner Harbor

Water body type: Estuary

Water body size: 1 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2484_01	Entire segment	27	27			AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Multiple	2484_01	Entire segment	27	27			AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2484_01	Entire segment	547	111	0	2.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2484_01	Entire segment	547	111	0	3.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2484_01	Entire segment	16	16			AD	NC	NC		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	2484_01	Entire segment	27	27			AD	FS	FS		No
General Use												
High pH												
2008	pH	2484_01	Entire segment	547	111	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2484_01	Entire segment	547	111	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2484_01	Entire segment	97	97	33	0.10	AD	CS	CS		No
2008	Chlorophyll-a	2484_01	Entire segment	97	97	25	11.60	AD	CS	CS		No
2008	Nitrate	2484_01	Entire segment	86	86	34	0.17	AD	CS	CS		No
2008	Orthophosphorus	2484_01	Entire segment	86	86	18	0.19	AD	NC	NC		No
2008	Total Phosphorus	2484_01	Entire segment	97	97	4	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2484_01	Entire segment	547	111	0	35.00	AD	FS	FS		No

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

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Segment ID: 2484 Corpus Christi Inner Harbor

Water body type: Estuary

Water body size: 1 Sq. miles

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

Bacteria Geomean

2008	Enterococcus	2484_01	Entire segment	65	65	0	16.95	35.00	AD	FS	FS	No
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Bacteria Single Sample

2008	Enterococcus	2484_01	Entire segment	65	65	8		89.00	AD	FS	FS	No
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2008 Texas Water Quality Inventory - Basin Assessment Data by Segment (March 19, 2008)

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Segment ID: 2485 Oso Bay

Water body type: Estuary

Water body size: 7 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2485_02	Middle bay (State Park Road 22 to Holly Road)	2	2			ID	NA	NA		No
2006	Multiple	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	5	5			LD	NC	NC		No
Chronic Toxic Substances in water												
2006	Multiple	2485_02	Middle bay (State Park Road 22 to Holly Road)	2	2			ID	NA	NA		No
2006	Multiple	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	5	5			LD	NC	NC		No
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	2485_01	Upper bay (Holly Road to County Hwy 24)	53	53	12	5.00	AD	NS	NS	5b	No
2008	Dissolved Oxygen 24hr Avg	2485_02	Middle bay (State Park Road 22 to Holly Road)	50	50	16	5.00	AD	NS	NS	5b	No
2008	Dissolved Oxygen 24hr Avg	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	98	98	13	5.00	AD	NS	NS	5b	No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2485_01	Upper bay (Holly Road to County Hwy 24)	53	53	18	4.00	AD	NS	NS	5b	No
2008	Dissolved Oxygen 24hr Min	2485_02	Middle bay (State Park Road 22 to Holly Road)	50	50	27	4.00	AD	NS	NS	5b	No
2008	Dissolved Oxygen 24hr Min	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	98	98	30	4.00	AD	NS	NS	4a	No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2485_01	Upper bay (Holly Road to County Hwy 24)	25	21	0	4.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	2485_02	Middle bay (State Park Road 22 to Holly Road)	88	88	10	4.00	SM	CN	CN		No
2008	Dissolved Oxygen Grab	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	126	120	1	4.00	SM	FS	FS		No

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

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Segment ID: 2485 Oso Bay

Water body type: Estuary

Water body size: 7 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
<u>Aquatic Life Use</u>												
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2485_01	Upper bay (Holly Road to County Hwy 24)	25	21	0	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	2485_02	Middle bay (State Park Road 22 to Holly Road)	88	88	19	5.00	SM	CS	CS		No
2008	Dissolved Oxygen Grab	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	126	120	9	5.00	SM	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2485_01	Upper bay (Holly Road to County Hwy 24)	3	3			ID	NA	NA		No
2006	Multiple	2485_02	Middle bay (State Park Road 22 to Holly Road)	3	3			ID	NA	NA		No
2006	Multiple	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	3	3			ID	NA	NA		No
<u>Fish Consumption Use</u>												
HH Bioaccumulative Toxics in water												
2006	Multiple	2485_01	Upper bay (Holly Road to County Hwy 24)	7	7			LD	NC	NC		No
2006	Multiple	2485_02	Middle bay (State Park Road 22 to Holly Road)	7	7			LD	NC	NC		No
2006	Multiple	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	7	7			LD	NC	NC		No

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

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Segment ID: 2485 Oso Bay

Water body type: Estuary

Water body size: 7 Sq. miles

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

High pH

2008	pH	2485_01	Upper bay (Holly Road to County Hwy 24)	25	21	0	9.00	AD	FS	FS	No	No
2008	pH	2485_02	Middle bay (State Park Road 22 to Holly Road)	88	88	0	9.00	AD	FS	FS	No	No
2008	pH	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	126	120	0	9.00	AD	FS	FS	No	No

Low pH

2008	pH	2485_01	Upper bay (Holly Road to County Hwy 24)	25	21	0	6.50	AD	FS	FS	No	No
2008	pH	2485_02	Middle bay (State Park Road 22 to Holly Road)	88	88	0	6.50	AD	FS	FS	No	No
2008	pH	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	126	120	0	6.50	AD	FS	FS	No	No

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

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Segment ID: 2485 Oso Bay

Water body type: Estuary

Water body size: 7 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use												
Nutrient Screening Levels												
2008	Ammonia	2485_01	Upper bay (Holly Road to County Hwy 24)	16	16	2	0.10	AD	NC	NC		No
2008	Ammonia	2485_02	Middle bay (State Park Road 22 to Holly Road)	55	55	7	0.10	AD	NC	NC		No
2008	Ammonia	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	53	53	18	0.10	AD	CS	CS		No
2008	Chlorophyll-a	2485_01	Upper bay (Holly Road to County Hwy 24)	16	16	8	11.60	AD	CS	CS		No
2008	Chlorophyll-a	2485_02	Middle bay (State Park Road 22 to Holly Road)	51	51	25	11.60	AD	CS	CS		No
2008	Chlorophyll-a	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	54	54	22	11.60	AD	CS	CS		No
2008	Nitrate	2485_01	Upper bay (Holly Road to County Hwy 24)	16	16	3	0.17	AD	NC	NC		No
2008	Nitrate	2485_02	Middle bay (State Park Road 22 to Holly Road)	52	52	5	0.17	AD	NC	NC		No
2008	Nitrate	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	52	52	10	0.17	AD	NC	NC		No
2008	Orthophosphorus	2485_01	Upper bay (Holly Road to County Hwy 24)	16	16	0	0.19	AD	NC	NC		No
2008	Orthophosphorus	2485_02	Middle bay (State Park Road 22 to Holly Road)	37	37	0	0.19	AD	NC	NC		No
2008	Orthophosphorus	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	52	52	2	0.19	AD	NC	NC		No
2008	Total Phosphorus	2485_01	Upper bay (Holly Road to County Hwy 24)	16	16	4	0.21	AD	NC	NC		No
2008	Total Phosphorus	2485_02	Middle bay (State Park Road 22 to Holly Road)	51	51	13	0.21	AD	NC	NC		No
2008	Total Phosphorus	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	54	54	19	0.21	AD	CS	CS		No

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

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Segment ID: 2485 Oso Bay

Water body type: Estuary

Water body size: 7 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward	
General Use													
Water Temperature													
2008	Temperature	2485_01	Upper bay (Holly Road to County Hwy 24)	25	21	0		35.00	AD	FS	FS	No	
2008	Temperature	2485_02	Middle bay (State Park Road 22 to Holly Road)	88	88	0		35.00	AD	FS	FS	No	
2008	Temperature	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	126	120	0		35.00	AD	FS	FS	No	
Oyster Waters Use													
DSHS Shellfish Harvesting Maps													
2008	DSHS Shellfishing Restrictions	2485_01	Upper bay (Holly Road to County Hwy 24)						OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2485_02	Middle bay (State Park Road 22 to Holly Road)						OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)						OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2485_OW1	Entire bay						OE	NS	NS	4a	No
Recreation Use													
Bacteria Geomean													
2008	Enterococcus	2485_02	Middle bay (State Park Road 22 to Holly Road)	67	67	0	20.90	35.00	AD	FS	FS	No	
2008	Enterococcus	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	77	77	1	45.26	35.00	AD	NS	NS	4a	No
Bacteria Single Sample													
2008	Enterococcus	2485_02	Middle bay (State Park Road 22 to Holly Road)	67	67	15		89.00	AD	FS	FS	No	
2008	Enterococcus	2485_03	Lower portion of bay (Ocean Drive to State Park Road 22)	77	77	32		89.00	AD	NS	NS	4a	No

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Segment ID: 2485A Oso Creek (unclassified water body)

Water body type: Tidal Stream

Water body size: 30 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2485A_01	Entire water body	8	8			TR	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2485A_01	Entire water body	8	8			TR	NA	NA		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2485A_01	Entire water body	111	38	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2485A_01	Entire water body	111	38	0	4.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2485A_01	Entire water body	35	35	0	0.46	AD	NC	NC		No
2006	Chlorophyll-a	2485A_01	Entire water body	31	31	16	21.00	AD	CS	CS		No
2006	Nitrate	2485A_01	Entire water body	17	17	13	1.10	AD	CS	CS		No
2006	Total Phosphorus	2485A_01	Entire water body	35	35	34	0.66	AD	CS	CS		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2485A_01	Entire water body	35	35		216.00	AD	NS	NS	5a	No
2006	Fecal coliform	2485A_01	Entire water body	31	31		422.00	SM	NS	NS		No
Bacteria Single Sample												
2006	Enterococcus	2485A_01	Entire water body	35	35	22	89.00	AD	NS	NS	5a	No
2006	Fecal coliform	2485A_01	Entire water body	31	31	15	400.00	SM	NS	NS		No

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

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Segment ID: 2491 Laguna Madre

Water body type: Estuary

Water body size: 347 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	49	49	0		AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Multiple	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	49	49			AD	FS	FS		No
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	130	130	12	5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	2491_02	Area adjacent to the Arroyo Colorado confluence	24	24	2	5.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	22	22	0	5.00	AD	FS	FS		No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	130	130	38	4.00	AD	NS	NS	5b	No
2008	Dissolved Oxygen 24hr Min	2491_02	Area adjacent to the Arroyo Colorado confluence	24	24	6	4.00	AD	NS	NS	5b	No
2008	Dissolved Oxygen 24hr Min	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	22	22	1	4.00	AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	517	286	0	2.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	2491_02	Area adjacent to the Arroyo Colorado confluence	79	48	1	2.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	107	55	1	2.00	SM	FS	FS		No

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

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Segment ID: 2491 Laguna Madre

Water body type: Estuary

Water body size: 347 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	517	286	22	5.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	2491_02	Area adjacent to the Arroyo Colorado confluence	79	48	6	5.00	SM	CS	CS		No
2008	Dissolved Oxygen Grab	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	107	55	7	5.00	SM	CS	CS		No
Toxic Substances in sediment												
2006	Multiple	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	36	36	0		AD	NC	NC		No
2006	Multiple	2491_02	Area adjacent to the Arroyo Colorado confluence	36	36	0		AD	NC	NC		No
2006	Multiple	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	36	36	0		AD	NC	NC		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	49	49			AD	FS	FS		No
2006	Multiple	2491_02	Area adjacent to the Arroyo Colorado confluence	49	49			AD	FS	FS		No
2006	Multiple	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	49	49			AD	FS	FS		No

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

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Segment ID: 2491 Laguna Madre

Water body type: Estuary

Water body size: 347 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use												
High pH												
2008	pH	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	523	290	1	9.00	AD	FS	FS		No
2008	pH	2491_02	Area adjacent to the Arroyo Colorado confluence	78	47	2	9.00	AD	FS	FS		No
2008	pH	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	112	58	1	9.00	AD	FS	FS		No
Low pH												
2008	pH	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	523	290	1	6.50	AD	FS	FS		No
2008	pH	2491_02	Area adjacent to the Arroyo Colorado confluence	78	47	0	6.50	AD	FS	FS		No
2008	pH	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	112	58	0	6.50	AD	FS	FS		No

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

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Segment ID: 2491 Laguna Madre

Water body type: Estuary

Water body size: 347 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
Nutrient Screening Levels												
2008	Ammonia	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	245	245	3	0.10	AD	NC	NC		No
2008	Ammonia	2491_02	Area adjacent to the Arroyo Colorado confluence	43	43	8	0.10	AD	NC	NC		No
2008	Ammonia	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	54	54	0	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	245	245	84	11.60	AD	CS	CS		No
2008	Chlorophyll-a	2491_02	Area adjacent to the Arroyo Colorado confluence	43	43	19	11.60	AD	CS	CS		No
2008	Chlorophyll-a	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	54	54	1	11.60	AD	NC	NC		No
2008	Nitrate	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	243	243	37	0.17	AD	NC	NC		No
2008	Nitrate	2491_02	Area adjacent to the Arroyo Colorado confluence	41	41	12	0.17	AD	CS	CS		No
2008	Nitrate	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	54	54	3	0.17	AD	NC	NC		No
2008	Orthophosphorus	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	243	243	36	0.19	AD	NC	NC		No
2008	Orthophosphorus	2491_02	Area adjacent to the Arroyo Colorado confluence	40	40	8	0.19	AD	NC	NC		No
2008	Orthophosphorus	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	52	52	0	0.19	AD	NC	NC		No
2008	Total Phosphorus	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	244	244	5	0.21	AD	NC	NC		No
2008	Total Phosphorus	2491_02	Area adjacent to the Arroyo Colorado confluence	43	43	8	0.21	AD	NC	NC		No

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Segment ID: 2491 Laguna Madre

Water body type: Estuary

Water body size: 347 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
General Use												
Nutrient Screening Levels												
2008	Total Phosphorus	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	54	54	0	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	544	311	0	35.00	AD	FS	FS		No
2008	Temperature	2491_02	Area adjacent to the Arroyo Colorado confluence	90	59	0	35.00	AD	FS	FS		No
2008	Temperature	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	284	230	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2491_01	Upper portion of bay north of the Arroyo Colorado confluence					OE	NA	NA		No
2008	DSHS Shellfishing Restrictions	2491_02	Area adjacent to the Arroyo Colorado confluence					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2491_03	Lower portion of bay south of the Arroyo Colorado confluence					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2491_OW1	Upper portion of the bay north of Port Mansfield Channel					OE	NA	NA		No
2008	DSHS Shellfishing Restrictions	2491_OW2	Area adjacent to the Arroyo Colorado confluence					OE	NS	NS	5a	No
2008	DSHS Shellfishing Restrictions	2491_OW3	Lower portion of the bay south of the Port Mansfield Channel					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2491_OW4	ICWW from Port Mansfield to Brownsville and shoreline area					OE	NA	NA		No

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Segment ID: 2491 Laguna Madre

Water body type: Estuary

Water body size: 347 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	165	165	0	9.22	35.00	AD	FS	FS	No
2008	Enterococcus	2491_02	Area adjacent to the Arroyo Colorado confluence	20	20	0	34.82	35.00	AD	FS	FS	No
2008	Enterococcus	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	27	27	0	16.30	35.00	AD	FS	FS	No
2008	Fecal coliform	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	96	96	0	1.89	200.00	SM	FS	FS	No
2008	Fecal coliform	2491_02	Area adjacent to the Arroyo Colorado confluence	34	34	0	5.56	200.00	SM	FS	FS	No
2008	Fecal coliform	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	337	337	0	2.67	200.00	SM	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	165	165	12		89.00	AD	FS	FS	No
2008	Enterococcus	2491_02	Area adjacent to the Arroyo Colorado confluence	20	20	7		89.00	AD	CN	CN	No
2008	Enterococcus	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	27	27	4		89.00	AD	FS	FS	No
2008	Fecal coliform	2491_01	Upper portion of bay north of the Arroyo Colorado confluence	96	96	0		400.00	SM	FS	FS	No
2008	Fecal coliform	2491_02	Area adjacent to the Arroyo Colorado confluence	34	34	1		400.00	SM	FS	FS	No
2008	Fecal coliform	2491_03	Lower portion of bay south of the Arroyo Colorado confluence	337	337	1		400.00	SM	FS	FS	No

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

Segment ID: 2492 Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada

Water body type: Estuary

Water body size: 102 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2492_01	Entire segment	52	52			AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Multiple	2492_01	Entire segment	52	52			AD	FS	FS		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2492_01	Entire segment	154	107	1	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2492_01	Entire segment	154	107	1	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2492_01	Entire segment	32	32			AD	NC	NC		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Multiple	2492_01	Entire segment	52	52			AD	FS	FS		No
General Use												
High pH												
2008	pH	2492_01	Entire segment	154	107	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2492_01	Entire segment	154	107	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2492_01	Entire segment	108	108	9	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2492_01	Entire segment	108	108	61	11.60	AD	CS	CS		No
2008	Nitrate	2492_01	Entire segment	108	108	19	0.17	AD	NC	NC		No
2008	Orthophosphorus	2492_01	Entire segment	106	106	17	0.19	AD	NC	NC		No
2008	Total Phosphorus	2492_01	Entire segment	108	108	16	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2492_01	Entire segment	154	107	0	35.00	AD	FS	FS		No

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Segment ID: 2492 Baffin Bay/Alazan Bay/Cayo del Grullo/Laguna Salada

Water body type: Estuary

Water body size: 102 Sq. miles

<u>YEAR</u>	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Assessed</u>	<u>Criteria</u>	<u>Dataset Qualifier</u>	<u>2008 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2492_01	Entire segment					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2492_OW1	Entire water body north of the boundary with Lower Laguna Madre					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2492_OW2	Area adjacent to boundary with Lower Laguna Madre					OE	NA	NA		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2492_01	Entire segment	99	99	0	15.11	35.00	AD	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2492_01	Entire segment	99	99	4		89.00	AD	FS	FS	No

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 NA- Not assessed; NC- No concern; **Dataset Qualifiers:** AD- Adequate Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method;
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Segment ID: 2492A San Fernando Creek (unclassified water body)

Water body type: Tidal Stream

Water body size: 46 Miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2492A_01	Entire water body	2	2			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2492A_01	Entire water body	2	2			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2492A_01	Entire water body	33	33		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2492A_01	Entire water body	33	33	3	4.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2492A_01	Entire water body	20	20	0	0.46	AD	NC	NC		No
2006	Chlorophyll-a	2492A_01	Entire water body	20	20	0	21.00	AD	NC	NC		No
2006	Nitrate	2492A_01	Entire water body	20	20	19	1.10	AD	CS	CS		No
2006	Total Phosphorus	2492A_01	Entire water body	19	19	18	0.66	AD	CS	CS		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2492A_01	Entire water body	12	12		150.00	AD	NS	NS	5c	No
2006	Fecal coliform	2492A_01	Entire water body	12	12		16.00	SM	FS	FS		No
Bacteria Single Sample												
2006	Enterococcus	2492A_01	Entire water body	12	12	8	89.00	AD	NS	NS	5c	No
2006	Fecal coliform	2492A_01	Entire water body	12	12	0	400.00	SM	FS	FS		No

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

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Segment ID: 2493 South Bay

Water body type: Estuary

Water body size: 8 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2493_01	Entire segment	92	34	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2493_01	Entire segment	92	34	1	5.00	AD	NC	NC		No
General Use												
High pH												
2008	pH	2493_01	Entire segment	103	37	1	9.00	AD	FS	FS		No
Low pH												
2008	pH	2493_01	Entire segment	103	37	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2493_01	Entire segment	40	40	2	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2493_01	Entire segment	40	40	0	11.60	AD	NC	NC		No
2008	Nitrate	2493_01	Entire segment	40	40	2	0.17	AD	NC	NC		No
2008	Orthophosphorus	2493_01	Entire segment	39	39	0	0.19	AD	NC	NC		No
2008	Total Phosphorus	2493_01	Entire segment	40	40	0	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2493_01	Entire segment	177	111	0	35.00	AD	FS	FS		No
Oyster Waters Use												
DSHS Shellfish Harvesting Maps												
2008	DSHS Shellfishing Restrictions	2493_01	Entire segment					OE	FS	FS		No
2008	DSHS Shellfishing Restrictions	2493_OW1	Entire segment					OE	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2493_01	Entire segment	22	22	0	26.33	AD	FS	FS		No
2008	Fecal coliform	2493_01	Entire segment	148	148	0	2.00	SM	FS	FS		No
Bacteria Single Sample												
2008	Enterococcus	2493_01	Entire segment	22	22	4	89.00	AD	FS	FS		No
2008	Fecal coliform	2493_01	Entire segment	148	148	0	400.00	SM	FS	FS		No

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Segment ID: 2494 Brownsville Ship Channel

Water body type: Estuary

Water body size: 2 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2494_01	Brownsville Ship Channel	242	57	2	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2494_01	Brownsville Ship Channel	242	57	9	5.00	AD	CS	CS		No
Toxic Substances in sediment												
2006	Multiple	2494_01	Brownsville Ship Channel	5	5			LD	NC	NC		No
Fish Consumption Use												
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	2494_01	Brownsville Ship Channel					OE	FS	FS		No
General Use												
High pH												
2008	pH	2494_01	Brownsville Ship Channel	281	65	2	9.00	AD	FS	FS		No
Low pH												
2008	pH	2494_01	Brownsville Ship Channel	281	65	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	2494_01	Brownsville Ship Channel	66	66	9	0.10	AD	NC	NC		No
2008	Chlorophyll-a	2494_01	Brownsville Ship Channel	66	66	8	11.60	AD	NC	NC		No
2008	Nitrate	2494_01	Brownsville Ship Channel	66	66	4	0.17	AD	NC	NC		No
2008	Orthophosphorus	2494_01	Brownsville Ship Channel	60	60	0	0.19	AD	NC	NC		No
2008	Total Phosphorus	2494_01	Brownsville Ship Channel	66	66	4	0.21	AD	NC	NC		No
Water Temperature												
2008	Temperature	2494_01	Brownsville Ship Channel	307	91	0	35.00	AD	FS	FS		No
Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2494_01	Brownsville Ship Channel	42	42	0	34.76	AD	FS	FS		No
Bacteria Single Sample												
2008	Enterococcus	2494_01	Brownsville Ship Channel	42	42	8	89.00	AD	FS	FS		No

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

Segment ID: 2494A Port Isabel Fishing Harbor (unclassified water body)

Water body type: Estuary

Water body size: 0 Sq. miles

YEAR	AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Assessed	Criteria	Dataset Qualifier	2008 Supp	Integ Supp	Imp Category	Carry Forward
Aquatic Life Use												
Acute Toxic Substances in water												
2006	Multiple	2494A_01	Entire water body	1	1			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	2494A_01	Entire water body	1	1			ID	NA	NA		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	2494A_01	Entire water body	25	25	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	2494A_01	Entire water body	25	25	0	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	2494A_01	Entire water body	1	1			ID	NA	NA		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	2494A_01	Entire water body	15	15	0	0.10	AD	NC	NC		No
2006	Chlorophyll-a	2494A_01	Entire water body	15	15	0	11.60	AD	NC	NC		No
2006	Nitrate	2494A_01	Entire water body	14	14	9	0.17	AD	CS	CS		No
2006	Total Phosphorus	2494A_01	Entire water body	15	15	0	0.21	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Enterococcus	2494A_01	Entire water body	9	9		56.00	LD	CN	CN		No
2006	Fecal coliform	2494A_01	Entire water body	7	7		21.40	SM	NC	NC		No
Bacteria Single Sample												
2006	Enterococcus	2494A_01	Entire water body	9	9	2	89.00	LD	NC	NC		No
2006	Fecal coliform	2494A_01	Entire water body	7	7	0	400.00	SM	NC	NC		No