

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Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to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: 2501 Gulf of Mexico

Water body type: Ocean

Water body size: 3,879 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	2501_01	Sabine Pass to Sea Rim Park area	1	1	0	5.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	2501_01	Sabine Pass to Sea Rim Park area	1	1	0	4.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	2501_01	Sabine Pass to Sea Rim Park area	238	51	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2501_02	Jefferson-Chambers County line area	27	27	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2501_03	Bolivar Point to San Luis Pass area	322	318	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2501_04	Freeport Area	32	10	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2501_06	Port Aransas Area	142	28	0	4.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	2501_10	Port Isabel area	32	11	0	4.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	2501_01	Sabine Pass to Sea Rim Park area	238	51	2	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2501_02	Jefferson-Chambers County line area	27	27	1	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2501_03	Bolivar Point to San Luis Pass area	322	318	3	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2501_04	Freeport Area	32	10	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2501_06	Port Aransas Area	142	28	0	5.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	2501_10	Port Isabel area	32	11	1	5.00	AD	NC	NC		No

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Fish Consumption Use

Bioaccumulative Toxics in fish tissue

2006	Multiple	2501_01	Sabine Pass to Sea Rim Park area	3	3			ID	NA	NA		No
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DSHS Advisories, Closures, and Risk Assessments

2008	Mercury	2501_01	Sabine Pass to Sea Rim Park area					OE	NS	NS	5c	No
2008	Mercury	2501_02	Jefferson-Chambers County line area					OE	NS	NS	5c	No
2008	Mercury	2501_03	Bolivar Point to San Luis Pass area					OE	NS	NS	5c	No
2008	Mercury	2501_04	Freeport Area					OE	NS	NS	5c	No
2008	Mercury	2501_05	Area between Freeport and Port Aransas					OE	NS	NS	5c	No
2008	Mercury	2501_06	Port Aransas Area					OE	NS	NS	5c	No
2008	Mercury	2501_07	Area between Port Aransas and Port Mansfield					OE	NS	NS	5c	No
2008	Mercury	2501_08	Port Mansfield area					OE	NS	NS	5c	No
2008	Mercury	2501_09	Area between Port Mansfield and Port Isabel					OE	NS	NS	5c	No
2008	Mercury	2501_10	Port Isabel area					OE	NS	NS	5c	No

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General Use												
High pH												
2008	pH	2501_01	Sabine Pass to Sea Rim Park area	242	53	0	9.00	AD	FS	FS		No
2008	pH	2501_02	Jefferson-Chambers County line area	28	28	0	9.00	AD	FS	FS		No
2008	pH	2501_03	Bolivar Point to San Luis Pass area	322	318	0	9.00	AD	FS	FS		No
2008	pH	2501_04	Freeport Area	32	10	0	9.00	AD	FS	FS		No
2008	pH	2501_06	Port Aransas Area	136	27	0	9.00	AD	FS	FS		No
2008	pH	2501_10	Port Isabel area	48	13	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	2501_01	Sabine Pass to Sea Rim Park area	242	53	0	6.50	AD	FS	FS		No
2008	pH	2501_02	Jefferson-Chambers County line area	28	28	0	6.50	AD	FS	FS		No
2008	pH	2501_03	Bolivar Point to San Luis Pass area	322	318	0	6.50	AD	FS	FS		No
2008	pH	2501_04	Freeport Area	32	10	0	6.50	AD	FS	FS		No
2008	pH	2501_06	Port Aransas Area	136	27	0	6.50	AD	FS	FS		No
2008	pH	2501_10	Port Isabel area	48	13	0	6.50	AD	FS	FS		No

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General Use												
Nutrient Screening Levels												
2008	Ammonia	2501_01	Sabine Pass to Sea Rim Park area	53	53	4	0.11	AD	NC	NC		No
2008	Ammonia	2501_02	Jefferson-Chambers County line area	28	28	1	0.11	AD	NC	NC		No
2008	Ammonia	2501_03	Bolivar Point to San Luis Pass area	12	12	1	0.11	AD	NC	NC		No
2008	Ammonia	2501_04	Freeport Area	11	11	0	0.11	AD	NC	NC		No
2008	Ammonia	2501_06	Port Aransas Area	27	27	0	0.11	AD	NC	NC		No
2008	Ammonia	2501_10	Port Isabel area	13	13	0	0.11	AD	NC	NC		No
2008	Chlorophyll-a	2501_01	Sabine Pass to Sea Rim Park area	49	49	11	26.70	AD	NC	NC		No
2008	Chlorophyll-a	2501_02	Jefferson-Chambers County line area	26	26	6	26.70	AD	NC	NC		No
2008	Chlorophyll-a	2501_03	Bolivar Point to San Luis Pass area	2	2	0	26.70	ID	NA	NA		No
2008	Chlorophyll-a	2501_04	Freeport Area	10	10	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	2501_06	Port Aransas Area	27	27	0	26.70	AD	NC	NC		No
2008	Chlorophyll-a	2501_10	Port Isabel area	13	13	0	26.70	AD	NC	NC		No
2008	Nitrate	2501_01	Sabine Pass to Sea Rim Park area	53	53	6	0.37	AD	NC	NC		No
2008	Nitrate	2501_02	Jefferson-Chambers County line area	28	28	3	0.37	AD	NC	NC		No
2008	Nitrate	2501_03	Bolivar Point to San Luis Pass area	81	81	0	0.37	AD	NC	NC		No
2008	Nitrate	2501_04	Freeport Area	11	11	1	0.37	AD	NC	NC		No
2008	Nitrate	2501_06	Port Aransas Area	27	27	5	0.37	AD	NC	NC		No
2008	Nitrate	2501_10	Port Isabel area	13	13	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	2501_01	Sabine Pass to Sea Rim Park area	51	51	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	2501_02	Jefferson-Chambers County line area	27	27	5	0.05	AD	NC	NC		No
2008	Orthophosphorus	2501_03	Bolivar Point to San Luis Pass area	81	81	6	0.05	AD	NC	NC		No
2008	Orthophosphorus	2501_04	Freeport Area	10	10	0	0.05	AD	NC	NC		No
2008	Orthophosphorus	2501_06	Port Aransas Area	27	27	1	0.05	AD	NC	NC		No
2008	Orthophosphorus	2501_10	Port Isabel area	13	13	0	0.05	AD	NC	NC		No
2008	Total Phosphorus	2501_01	Sabine Pass to Sea Rim Park area	53	53	4	0.69	AD	NC	NC		No
2008	Total Phosphorus	2501_02	Jefferson-Chambers County line area	28	28	1	0.69	AD	NC	NC		No

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General Use

Nutrient Screening Levels

2008	Total Phosphorus	2501_03	Bolivar Point to San Luis Pass area	52	52	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2501_04	Freeport Area	11	11	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2501_06	Port Aransas Area	26	26	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	2501_10	Port Isabel area	13	13	0	0.69	AD	NC	NC		No

Water Temperature

2008	Temperature	2501_01	Sabine Pass to Sea Rim Park area	242	53	0	35.00	AD	FS	FS		No
2008	Temperature	2501_02	Jefferson-Chambers County line area	28	28	0	35.00	AD	FS	FS		No
2008	Temperature	2501_03	Bolivar Point to San Luis Pass area	322	318	1	35.00	AD	FS	FS		No
2008	Temperature	2501_04	Freeport Area	32	10	0	35.00	AD	FS	FS		No
2008	Temperature	2501_06	Port Aransas Area	163	49	0	35.00	AD	FS	FS		No
2008	Temperature	2501_08	Port Mansfield area	10	10	0	35.00	AD	FS	FS		No
2008	Temperature	2501_10	Port Isabel area	48	13	0	35.00	AD	FS	FS		No

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Recreation Use												
Bacteria Geomean												
2008	Enterococcus	2501_01	Sabine Pass to Sea Rim Park area	40	40	0	23.21	35.00	AD	FS	FS	No
2008	Enterococcus	2501_02	Jefferson-Chambers County line area	20	20	0	20.83	35.00	AD	FS	FS	No
2008	Enterococcus	2501_03	Bolivar Point to San Luis Pass area	147	147	0	5.52	35.00	AD	FS	FS	No
2008	Enterococcus	2501_04	Freeport Area	10	10	0	12.30	35.00	AD	FS	FS	No
2008	Enterococcus	2501_06	Port Aransas Area	22	22	0	5.93	35.00	AD	FS	FS	No
2008	Enterococcus	2501_10	Port Isabel area	9	9	0	20.42	35.00	LD	NC	NC	No
2008	Fecal coliform	2501_03	Bolivar Point to San Luis Pass area	217	217	0	26.08	200.00	SM	FS	FS	No
2008	Fecal coliform	2501_08	Port Mansfield area	19	19		2.20	200.00	AD	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	2501_01	Sabine Pass to Sea Rim Park area	40	40	9		89.00	AD	FS	FS	No
2008	Enterococcus	2501_02	Jefferson-Chambers County line area	20	20	4		89.00	AD	FS	FS	No
2008	Enterococcus	2501_03	Bolivar Point to San Luis Pass area	147	147	2		89.00	AD	FS	FS	No
2008	Enterococcus	2501_04	Freeport Area	10	10	1		89.00	AD	FS	FS	No
2008	Enterococcus	2501_06	Port Aransas Area	22	22	0		89.00	AD	FS	FS	No
2008	Enterococcus	2501_10	Port Isabel area	9	9	2		89.00	LD	NC	NC	No
2008	Fecal coliform	2501_03	Bolivar Point to San Luis Pass area	217	217	7		400.00	SM	FS	FS	No
2008	Fecal coliform	2501_08	Port Mansfield area	19	19	0		400.00	AD	FS	FS	No