



**Segment ID: 2453**      **Water body name: Lavaca Bay/Chocolate Bay**

Estuary

Bays and Estuaries

Total size:

54.8 Sq. miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Aquatic Life Use** (continued)

2004	Chronic Metals in water Mercury	Fully Supporting	Point Comfort area	2.5	32		0.011
2004	Chronic Metals in water Mercury	Fully Supporting	Upper bay	18.8	12		0.005
2002	Acute Organics in water	Not Assessed	Point Comfort area	2.5	1		
2002	Acute Organics in water	Not Assessed	Upper bay	18.8	1		
2002	Chronic Organics in water	Not Assessed	Point Comfort area	2.5	1		
2002	Chronic Organics in water	Not Assessed	Upper bay	18.8	1		
2004	Overall Aquatic Life Use	Fully Supporting	Gallinipper Point to SH 35	15.5			
2004	Overall Aquatic Life Use	Fully Supporting	Mouth of bay to Gallinipper Point	18			
2004	Overall Aquatic Life Use	Fully Supporting	Point Comfort area	2.5			
2004	Overall Aquatic Life Use	Fully Supporting	Upper bay	18.8			

**Contact Recreation Use**

2002	Enterococci single sample	Not Assessed	Gallinipper Point to SH 35	15.5	0		
2002	Enterococci single sample	Not Assessed	Mouth of bay to Gallinipper Point	18	0		
2002	Enterococci single sample	Not Assessed	Point Comfort area	2.5	0		
2002	Enterococci single sample	Not Assessed	Upper bay	18.8	0		
2002	Enterococci geometric mean	Not Assessed	Gallinipper Point to SH 35	15.5	0		
2002	Enterococci geometric mean	Not Assessed	Mouth of bay to Gallinipper Point	18	0		
2002	Enterococci geometric mean	Not Assessed	Point Comfort area	2.5	0		
2002	Enterococci geometric mean	Not Assessed	Upper bay	18.8	0		
2002	Fecal coliform single sample	Fully Supporting	Gallinipper Point to SH 35	15.5	373	3	
2002	Fecal coliform single sample	Fully Supporting	Mouth of bay to Gallinipper Point	18	276	0	
2002	Fecal coliform single sample	Fully Supporting	Point Comfort area	2.5	117	0	
2002	Fecal coliform single sample	Fully Supporting	Upper bay	18.8	664	6	





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**Overall Use Support** (continued)

2004		Fully Supporting	20.1 square miles in the central and western portions of the bay (OW)	20.1			
2004		Not Supporting	N. end near Lavaca R. confl, near Port Lavaca, Pt Comfort, Chocolate Bay (OW)	16.7			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	Gallinipper Point to SH 35	15.5	18	0	
2002	Ammonia Nitrogen	No Concern	Mouth of bay to Gallinipper Point	18	20	1	
2002	Ammonia Nitrogen	No Concern	Point Comfort area	2.5	20	1	
2002	Ammonia Nitrogen	No Concern	Upper bay	18.8	22	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Gallinipper Point to SH 35	15.5	18	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	Mouth of bay to Gallinipper Point	18	20	3	
2002	Nitrite + Nitrate Nitrogen	No Concern	Point Comfort area	2.5	20	2	
2002	Nitrite + Nitrate Nitrogen	No Concern	Upper bay	18.8	45	8	
2002	Orthophosphorus	No Concern	Gallinipper Point to SH 35	15.5	17	0	
2002	Orthophosphorus	No Concern	Mouth of bay to Gallinipper Point	18	18	0	
2002	Orthophosphorus	No Concern	Point Comfort area	2.5	18	0	
2002	Orthophosphorus	No Concern	Upper bay	18.8	44	2	
2002	Total Phosphorus	No Concern	Gallinipper Point to SH 35	15.5	17	0	
2002	Total Phosphorus	No Concern	Mouth of bay to Gallinipper Point	18	20	0	
2002	Total Phosphorus	No Concern	Point Comfort area	2.5	20	0	
2002	Total Phosphorus	No Concern	Upper bay	18.8	22	2	
2002	Overall Nutrient Enrichment Concerns	No Concern	Gallinipper Point to SH 35	15.5			
2002	Overall Nutrient Enrichment Concerns	No Concern	Mouth of bay to Gallinipper Point	18			





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**Narrative Criteria Concern** (continued)

2002	Overall Narrative Criteria Concerns	No Concern	Point Comfort area	2.5			
2002	Overall Narrative Criteria Concerns	No Concern	Upper bay	18.8			

**Overall Secondary Concern**

2002		No Concern	Gallinipper Point to SH 35	15.5			
2002		No Concern	Mouth of bay to Gallinipper Point	18			
2002		Concern	Point Comfort area	2.5			
2002		No Concern	Upper bay	18.8			