

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Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to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: 0701 Taylor Bayou Above Tidal

Water body type: Freshwater Stream

Water body size: 34 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	Aluminum	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	10	10	5	991.00	JQ	NA	NA		No	
2006	Multiple	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	10	10	0		AD	FS	FS		No	
Chronic Toxic Substances in water													
2006	Lead	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	9	7		1.59	1.43	JQ	NA	NA	No	
2006	Multiple	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	10	10				AD	FS	FS	No	
Dissolved Oxygen 24hr average													
2008	Dissolved Oxygen 24hr Avg	0701_01	From saltwater lock to 8 miles upstream	12	12	5		4.00	AD	NS	NS	5a	No
2008	Dissolved Oxygen 24hr Avg	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	26	26	11		4.00	AD	NS	NS	5a	No
Dissolved Oxygen 24hr minimum													
2008	Dissolved Oxygen 24hr Min	0701_01	From saltwater lock to 8 miles upstream	12	12	4		3.00	AD	NS	NS	5a	No
2008	Dissolved Oxygen 24hr Min	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	26	26	9		3.00	AD	NS	NS	5a	No
Dissolved Oxygen grab minimum													
2008	Dissolved Oxygen Grab	0701_01	From saltwater lock to 8 miles upstream	100	39	4		3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	80	49	4		3.00	SM	FS	FS		No

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Aquatic Life Use												
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	0701_01	From saltwater lock to 8 miles upstream	100	39	7	4.00	SM	CS	CS		No
2008	Dissolved Oxygen Grab	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	80	49	8	4.00	SM	CS	CS		No
Toxic Substances in sediment												
2006	Multiple	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	1	1	0		ID	NA	NA		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	Multiple	0701_01	From saltwater lock to 8 miles upstream	2	2			ID	NA	NA		No
DSHS Advisories, Closures, and Risk Assessments												
2008	Risk Assess.- No Advisory	0701_01	From saltwater lock to 8 miles upstream					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou					OE	FS	FS		No
2008	Risk Assess.- No Advisory	0701_03	From the confluence with N and S forks of Taylor Bayou to LNVA canal					OE	FS	FS		No
HH Bioaccumulative Toxics in water												
2006	Chromium	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	10	10	0	3,320.00	AD	FS	FS		No
2006	Lead	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	9	9		0.00	LD	NC	NC		No

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General Use												
Dissolved Solids												
2008	Chloride	0701_01	From saltwater lock to 8 miles upstream	81	81	92.68	400.00	AD	FS	FS		No
2008	Chloride	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	81	81	92.68	400.00	AD	FS	FS		No
2008	Chloride	0701_03	From the confluence with N and S forks of Taylor Bayou to LNVA canal	81	81	92.68	400.00	AD	FS	FS		No
2008	Sulfate	0701_01	From saltwater lock to 8 miles upstream	71	71	37.27	100.00	AD	FS	FS		No
2008	Sulfate	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	71	71	37.27	100.00	AD	FS	FS		No
2008	Sulfate	0701_03	From the confluence with N and S forks of Taylor Bayou to LNVA canal	71	71	37.27	100.00	AD	FS	FS		No
2008	Total Dissolved Solids	0701_01	From saltwater lock to 8 miles upstream	88	88	317.63	1,100.00	AD	FS	FS		No
2008	Total Dissolved Solids	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	88	88	317.63	1,100.00	AD	FS	FS		No
2008	Total Dissolved Solids	0701_03	From the confluence with N and S forks of Taylor Bayou to LNVA canal	88	88	317.63	1,100.00	AD	FS	FS		No
High pH												
2008	pH	0701_01	From saltwater lock to 8 miles upstream	100	39	0	9.00	AD	FS	FS		No
2008	pH	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	80	49	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	0701_01	From saltwater lock to 8 miles upstream	100	39	2	6.50	AD	FS	FS		No
2008	pH	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	80	49	2	6.50	AD	FS	FS		No

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Water body size: 34 Miles

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General Use												
Nutrient Screening Levels												
2008	Ammonia	0701_01	From saltwater lock to 8 miles upstream	37	37	0	0.33	AD	NC	NC		No
2008	Ammonia	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	43	43	5	0.33	AD	NC	NC		No
2008	Chlorophyll-a	0701_01	From saltwater lock to 8 miles upstream	37	37	17	14.10	AD	CS	CS		No
2008	Chlorophyll-a	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	10	10	7	14.10	AD	CS	CS		No
2008	Nitrate	0701_01	From saltwater lock to 8 miles upstream	37	37	0	1.95	AD	NC	NC		No
2008	Nitrate	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	43	43	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	0701_01	From saltwater lock to 8 miles upstream	34	34	0	0.37	AD	NC	NC		No
2008	Orthophosphorus	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	26	26	0	0.37	AD	NC	NC		No
2008	Total Phosphorus	0701_01	From saltwater lock to 8 miles upstream	37	37	0	0.69	AD	NC	NC		No
2008	Total Phosphorus	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	43	43	0	0.69	AD	NC	NC		No
Water Temperature												
2008	Temperature	0701_01	From saltwater lock to 8 miles upstream	100	39	0	35.00	AD	FS	FS		No
2008	Temperature	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	80	49	0	35.00	AD	FS	FS		No

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Water body type: Freshwater Stream

Water body size: 34 Miles

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Recreation Use												
Bacteria Geomean												
2008	E. coli	0701_01	From saltwater lock to 8 miles upstream	18	18	0	24.16	126.00	AD	FS	FS	No
2008	E. coli	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	23	23	0	22.81	126.00	AD	FS	FS	No
2008	Fecal coliform	0701_01	From saltwater lock to 8 miles upstream	12	12	0	38.29	200.00	AD	FS	FS	No
2008	Fecal coliform	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	20	20	0	24.46	200.00	AD	FS	FS	No
Bacteria Single Sample												
2008	E. coli	0701_01	From saltwater lock to 8 miles upstream	18	18	2		394.00	AD	FS	FS	No
2008	E. coli	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	23	23	3		394.00	AD	FS	FS	No
2008	Fecal coliform	0701_01	From saltwater lock to 8 miles upstream	12	12	1		400.00	AD	FS	FS	No
2008	Fecal coliform	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	20	20	1		400.00	AD	FS	FS	No

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Segment ID: 0701D Shallow Prong Lake (unclassified water body)

Water body type: Reservoir

Water body size: 150 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 24hr average												
2006	Dissolved Oxygen 24hr Avg	0701D_01 Entire water body	0	0			5.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	0701D_01 Entire water body	0	0			3.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	0701D_01 Entire water body	19	19	9		3.00	AD	NS	NS	5a	No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	0701D_01 Entire water body	19	19	10		5.00	AD	CS	CS		No
Fish Consumption Use												
Bioaccumulative Toxics in fish tissue												
2006	Arsenic	0701D_01 Entire water body	20	20	9		0.04	JQ	CS	CS		No
2006	Multiple	0701D_01 Entire water body	20	20	1			AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	0701D_01 Entire water body	20	20	0		0.11	AD	NC	NC		No
2006	Chlorophyll-a	0701D_01 Entire water body	20	20	0		26.70	AD	NC	NC		No
2006	Nitrate	0701D_01 Entire water body	20	20	0		0.37	AD	NC	NC		No
2006	Orthophosphorus	0701D_01 Entire water body	20	20	0		0.05	AD	NC	NC		No
2006	Total Phosphorus	0701D_01 Entire water body	20	20	0		0.20	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	E. coli	0701D_01 Entire water body	10	10		11.00	126.00	AD	FS	FS		No
2006	Fecal coliform	0701D_01 Entire water body	12	12		30.00	200.00	AD	FS	FS		No
Bacteria Single Sample												
2006	E. coli	0701D_01 Entire water body	10	10	0		394.00	AD	FS	FS		No
2006	Fecal coliform	0701D_01 Entire water body	12	12	3		400.00	AD	FS	FS		No

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Segment ID: 0702 Intracoastal Waterway Tidal

Water body type: Tidal Stream

Water body size: 63 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	0702_03	From Port Bolivar to top of East Bay	1	1	0		ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Multiple	0702_03	From Port Bolivar to top of East Bay	1	1			ID	NA	NA		No
Dissolved Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	0	0		4.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	0702_02	Taylor Bayou tidal	0	0		4.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Avg	0702_03	From Port Bolivar to top of East Bay	0	0		4.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0702_02	Taylor Bayou tidal	0	0		3.00	ID	NA	NA		No
2006	Dissolved Oxygen 24hr Min	0702_03	From Port Bolivar to top of East Bay	0	0		3.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	205	31	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0702_02	Taylor Bayou tidal	95	27	0	3.00	AD	FS	FS		No
2008	Dissolved Oxygen Grab	0702_03	From Port Bolivar to top of East Bay	98	82	2	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	205	31	0	4.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0702_02	Taylor Bayou tidal	95	27	3	4.00	AD	NC	NC		No
2008	Dissolved Oxygen Grab	0702_03	From Port Bolivar to top of East Bay	98	82	3	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Multiple	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	2	2	0		ID	NA	NA		No
2006	Multiple	0702_02	Taylor Bayou tidal	2	2	0		ID	NA	NA		No
2006	Multiple	0702_03	From Port Bolivar to top of East Bay	1	1	0		ID	NA	NA		No

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Water body type: Tidal Stream

Water body size: 63 Miles

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Fish Consumption Use

HH Bioaccumulative Toxics in water

2006	Multiple	0702_03	From Port Bolivar to top of East Bay	1	1			ID	NA	NA		No
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General Use												
High pH												
2008	pH	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	205	31	0	9.00	AD	FS	FS		No
2008	pH	0702_02	Taylor Bayou tidal	97	28	0	9.00	AD	FS	FS		No
2008	pH	0702_03	From Port Bolivar to top of East Bay	98	82	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	205	31	0	6.50	AD	FS	FS		No
2008	pH	0702_02	Taylor Bayou tidal	97	28	0	6.50	AD	FS	FS		No
2008	pH	0702_03	From Port Bolivar to top of East Bay	98	82	0	6.50	AD	FS	FS		No

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General Use												
Nutrient Screening Levels												
2008	Ammonia	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	28	28	0	0.46	AD	NC	NC		No
2008	Ammonia	0702_02	Taylor Bayou tidal	26	26	0	0.46	AD	NC	NC		No
2008	Ammonia	0702_03	From Port Bolivar to top of East Bay	8	8	0	0.46	LD	NC	NC		No
2008	Chlorophyll-a	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	29	29	0	21.00	AD	NC	NC		No
2008	Chlorophyll-a	0702_02	Taylor Bayou tidal	26	26	7	21.00	AD	NC	NC		No
2008	Chlorophyll-a	0702_03	From Port Bolivar to top of East Bay	8	8	2	21.00	LD	NC	NC		No
2008	Nitrate	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	30	30	0	1.10	AD	NC	NC		No
2008	Nitrate	0702_02	Taylor Bayou tidal	27	27	0	1.10	AD	NC	NC		No
2008	Nitrate	0702_03	From Port Bolivar to top of East Bay	25	25	0	1.10	AD	NC	NC		No
2008	Orthophosphorus	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	29	29	2	0.46	AD	NC	NC		No
2008	Orthophosphorus	0702_02	Taylor Bayou tidal	26	26	1	0.46	AD	NC	NC		No
2008	Orthophosphorus	0702_03	From Port Bolivar to top of East Bay	25	25	1	0.46	AD	NC	NC		No
2008	Total Phosphorus	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	29	29	0	0.66	AD	NC	NC		No
2008	Total Phosphorus	0702_02	Taylor Bayou tidal	25	25	0	0.66	AD	NC	NC		No
2008	Total Phosphorus	0702_03	From Port Bolivar to top of East Bay	25	25	0	0.66	AD	NC	NC		No
Water Temperature												
2008	Temperature	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	205	31	0	35.00	AD	FS	FS		No
2008	Temperature	0702_02	Taylor Bayou tidal	97	28	0	35.00	AD	FS	FS		No
2008	Temperature	0702_03	From Port Bolivar to top of East Bay	98	82	0	35.00	AD	FS	FS		No

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Segment ID: 0702 Intracoastal Waterway Tidal

Water body type: Tidal Stream

Water body size: 63 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	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	23	23	0	29.69	35.00	AD	FS	FS	No
2008	Enterococcus	0702_02	Taylor Bayou tidal	20	20	0	14.32	35.00	AD	FS	FS	No
2008	Enterococcus	0702_03	From Port Bolivar to top of East Bay	41	41	0	11.51	35.00	AD	FS	FS	No
2008	Fecal coliform	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	13	13	0	17.74	200.00	AD	FS	FS	No
2008	Fecal coliform	0702_02	Taylor Bayou tidal	13	13	0	20.16	200.00	AD	FS	FS	No
2008	Fecal coliform	0702_03	From Port Bolivar to top of East Bay	55	55	0	24.73	200.00	AD	FS	FS	No
Bacteria Single Sample												
2008	Enterococcus	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	23	23	5		89.00	AD	FS	FS	No
2008	Enterococcus	0702_02	Taylor Bayou tidal	20	20	2		89.00	AD	FS	FS	No
2008	Enterococcus	0702_03	From Port Bolivar to top of East Bay	41	41	3		89.00	AD	FS	FS	No
2008	Fecal coliform	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	13	13	1		400.00	AD	FS	FS	No
2008	Fecal coliform	0702_02	Taylor Bayou tidal	13	13	0		400.00	AD	FS	FS	No
2008	Fecal coliform	0702_03	From Port Bolivar to top of East Bay	55	55	0		400.00	AD	FS	FS	No

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Segment ID: 0702A Alligator Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 7 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 Ambient Toxicity tests in water												
2006	Water Acute Toxicity	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	10	10	1		AD	FS	FS		No
2006	Water Acute Toxicity	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	10	10	4		AD	NS	NS	5c	No
2006	Water Acute Toxicity	0702A_04	Drainage canal leading into Alligator Bayou approx. 0.8 miles north of SH82	10	10	3		AD	NS	NS	5c	No
Acute Toxic Substances in water												
2006	Metals	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	12	12			AD	FS	FS		No
2006	Metals	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1			ID	NA	NA		No
2006	Metals	0702A_04	Drainage canal leading into Alligator Bayou approx. 0.8 miles north of SH82	1	1			ID	NA	NA		No
2006	Organics	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	6	6			LD	NC	NC		No
2006	Organics	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1			ID	NA	NA		No
2006	Organics	0702A_04	Drainage canal leading into Alligator Bayou approx. 0.8 miles north of SH82	1	1			ID	NA	NA		No
Chronic Toxic Substances in water												
2006	Metals	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	12	12			AD	FS	FS		No
2006	Metals	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1			ID	NA	NA		No
2006	Organics	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	6	6			LD	NC	NC		No
2006	Organics	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1			ID	NA	NA		No

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Segment ID: 0702A Alligator Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 7 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												
Chronic Toxicity tests in whole sediment												
2006	Sediment Chronic Toxicity	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	4	4	4		LD				No
2006	Sediment Chronic Toxicity	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1	1		ID				No
2006	Sediment Chronic Toxicity	0702A_04	Drainage canal leading into Alligator Bayou approx. 0.8 miles north of SH82	1	1	1		ID				No
Dissolved Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	6	6	0	3.00	LD	NC	NC		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	6	6	0	2.00	LD	NC	NC		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	20	20	0	2.00	AD	FS	FS		No
2006	Dissolved Oxygen Grab	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	9	0			TR	NA	NA		No
2006	Dissolved Oxygen Grab	0702A_04	Drainage canal leading into Alligator Bayou approx. 0.8 miles north of SH82	8	0			TR	NA	NA		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	20	20	2	3.00	AD	NC	NC		No
2006	Dissolved Oxygen Grab	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	9	0		3.00	TR	NA	NA		No
2006	Dissolved Oxygen Grab	0702A_04	Drainage canal leading into Alligator Bayou approx. 0.8 miles north of SH82	8	0		3.00	TR	NA	NA		No
Elutriate Toxicity tests in sediment												
2006	Sediment Elutriate Toxicity	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	4	4	3		LD				No

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Segment ID: 0702A Alligator Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 7 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													
Fish Community													
2006	Fish Community	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	4	4		29.50	31.00	AD	NS	NS	5c	No
Habitat													
2006	Habitat	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	4	4		14.00	14.00	AD	NC	NC		No
LOE Toxic Sediment condition													
2006	Sediment Toxicity (LOE)	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou						JQ	NS	NS	5c	No
Macrobenthic Community													
2006	Macrobenthic Community	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	4	4		22.00	22.00	AD	FS	FS		No
Toxic Substances in sediment													
2006	Chrysene	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	10	10	4			AD	CS	CS		No
2006	Lead	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	10	10	8		128.00	AD	CS	CS		No
2006	Metals	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	11	11				AD	NC	NC		No
2006	Metals	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1				ID	NA	NA		No
2006	Organics	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	10	10				AD	NC	NC		No
2006	Organics	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1				ID	NA	NA		No
2006	Phenanthrene	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	10	10	4		1,170.00	AD	CS	CS		No
2006	Pyrene	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	10	10	4		1,520.00	AD	CS	CS		No

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Segment ID: 0702A Alligator Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 7 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	Multiple	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	14	14			AD	NC	NC		No
HH Bioaccumulative Toxics in water												
2006	Multiple	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	14	14			AD	FS	FS		No
2006	Multiple	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1			ID	NA	NA		No
2006	Multiple	0702A_04	Drainage canal leading into Alligator Bayou approx. 0.8 miles north of SH82	1	1			ID	NA	NA		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	11	11	0	0.33	AD	NC	NC		No
2006	Chlorophyll-a	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	11	11	9	14.10	AD	CS	CS		No
2006	Nitrate	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	11	11	2	1.95	AD	NC	NC		No
2006	Orthophosphorus	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	11	11	1	0.37	AD	NC	NC		No
2006	Total Phosphorus	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	11	11	0	0.69	AD	NC	NC		No
Recreation Use												
Bacteria Geomean												
2006	Fecal coliform	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	7	7		155.00	LD	NC	NC		No
Bacteria Single Sample												
2006	Fecal coliform	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	7	7	2	400.00	LD	NC	NC		No

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Segment ID: 0703 Sabine-Neches Canal Tidal

Water body type: Tidal Stream

Water body size: 16 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	Metals	0703_01	Entire segment	4	4	0		LD	NC	NC		No
Chronic Toxic Substances in water												
2006	Metals	0703_01	Entire segment	4	4	0		LD	NC	NC		No
Dissolved Oxygen 24hr average												
2006	Dissolved Oxygen 24hr Avg	0703_01	Entire segment	0	0		4.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	0703_01	Entire segment	0	0		3.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	0703_01	Entire segment	480	51	0	3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	0703_01	Entire segment	480	51	1	4.00	AD	NC	NC		No
Toxic Substances in sediment												
2006	Metals	0703_01	Entire segment	4	4	0		LD	NC	NC		No
2006	Organics	0703_01	Entire segment	4	4	0		LD	NC	NC		No
Fish Consumption Use												
HH Bioaccumulative Toxics in water												
2006	Chromium	0703_01	Entire segment	4	4	0	2,216.00	LD	NC	NC		No
2006	Lead	0703_01	Entire segment	4	4	0		LD	NC	NC		No

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Segment ID: 0703 Sabine-Neches Canal Tidal

Water body type: Tidal Stream

Water body size: 16 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	0703_01	Entire segment	475	51	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	0703_01	Entire segment	475	51	1	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	0703_01	Entire segment	53	53	0	0.46	AD	NC	NC		No
2008	Chlorophyll-a	0703_01	Entire segment	52	52	1	21.00	AD	NC	NC		No
2008	Nitrate	0703_01	Entire segment	53	53	0	1.10	AD	NC	NC		No
2008	Orthophosphorus	0703_01	Entire segment	52	52	4	0.46	AD	NC	NC		No
2008	Total Phosphorus	0703_01	Entire segment	53	53	0	0.66	AD	NC	NC		No
Water Temperature												
2008	Temperature	0703_01	Entire segment	485	52	0	35.00	AD	FS	FS		No
Recreation Use												
Bacteria Geomean												
2006	E. coli	0703_01	Entire segment	24	24		15.00	AD	FS	FS		No
2008	Enterococcus	0703_01	Entire segment	36	36	0	17.54	AD	FS	FS		No
2008	Fecal coliform	0703_01	Entire segment	25	25	0	17.98	AD	FS	FS		No
Bacteria Single Sample												
2006	E. coli	0703_01	Entire segment	24	24	3	394.00	AD	FS	FS		No
2008	Enterococcus	0703_01	Entire segment	36	36	5	89.00	AD	FS	FS		No
2008	Fecal coliform	0703_01	Entire segment	25	25	0	400.00	AD	FS	FS		No

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Segment ID: 0704 Hillebrandt Bayou

Water body type: Freshwater Stream

Water body size: 14 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	Metals	0704_02	From confluence with Bayou Din to upper end of segment	10	10			AD	FS	FS		No
Chronic Toxic Substances in water												
2006	Metals	0704_02	From confluence with Bayou Din to upper end of segment	10	10			AD	FS	FS		No
Dissolved Oxygen 24hr average												
2008	Dissolved Oxygen 24hr Avg	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	14	14	1	4.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Avg	0704_02	From confluence with Bayou Din to upper end of segment	26	26	6	4.00	AD	NS	NS	5a	No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	14	14	1	3.00	AD	FS	FS		No
2008	Dissolved Oxygen 24hr Min	0704_02	From confluence with Bayou Din to upper end of segment	26	26	5	3.00	AD	NS	NS	5a	No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	85	39	2	3.00	SM	FS	FS		No
2008	Dissolved Oxygen Grab	0704_02	From confluence with Bayou Din to upper end of segment	107	51	4	3.00	SM	FS	FS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	85	39	4	4.00	SM	NC	NC		No
2008	Dissolved Oxygen Grab	0704_02	From confluence with Bayou Din to upper end of segment	107	51	7	4.00	SM	CS	CS		No
Toxic Substances in sediment												
2006	Metals	0704_02	From confluence with Bayou Din to upper end of segment	1	1			ID	NA	NA		No

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Segment ID: 0704 Hillebrandt Bayou

Water body type: Freshwater Stream

Water body size: 14 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

HH Bioaccumulative Toxics in water

2006	Chromium	0704_02	From confluence with Bayou Din to upper end of segment	10	10	5.00	3,320.00	AD	NC	NC	No
2006	Lead	0704_02	From confluence with Bayou Din to upper end of segment	9	9	1.00	25.30	LD	NC	NC	No

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Segment ID: 0704 Hillebrandt Bayou

Water body type: Freshwater Stream

Water body size: 14 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												
Dissolved Solids												
2008	Chloride	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	83	83		84.69	250.00	AD	FS	FS	No
2008	Chloride	0704_02	From confluence with Bayou Din to upper end of segment	83	83		84.69	250.00	AD	FS	FS	No
2008	Sulfate	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	73	73		37.55	100.00	AD	FS	FS	No
2008	Sulfate	0704_02	From confluence with Bayou Din to upper end of segment	73	73		37.55	100.00	AD	FS	FS	No
2008	Total Dissolved Solids	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	90	90		386.23	600.00	AD	FS	FS	No
2008	Total Dissolved Solids	0704_02	From confluence with Bayou Din to upper end of segment	90	90		386.23	600.00	AD	FS	FS	No
High pH												
2008	pH	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	85	39	1		9.00	AD	FS	FS	No
2008	pH	0704_02	From confluence with Bayou Din to upper end of segment	107	51	0		9.00	AD	FS	FS	No
Low pH												
2008	pH	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	85	39	0		6.50	AD	FS	FS	No
2008	pH	0704_02	From confluence with Bayou Din to upper end of segment	107	51	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: 0704 Hillebrandt Bayou

Water body type: Freshwater 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
General Use												
Nutrient Screening Levels												
2008	Ammonia	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	38	38	4	0.33	AD	NC	NC		No
2008	Ammonia	0704_02	From confluence with Bayou Din to upper end of segment	45	45	18	0.33	AD	CS	CS		No
2008	Chlorophyll-a	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	38	38	27	14.10	AD	CS	CS		No
2008	Chlorophyll-a	0704_02	From confluence with Bayou Din to upper end of segment	10	10	10	14.10	AD	CS	CS		No
2008	Nitrate	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	38	38	0	1.95	AD	NC	NC		No
2008	Nitrate	0704_02	From confluence with Bayou Din to upper end of segment	45	45	0	1.95	AD	NC	NC		No
2008	Orthophosphorus	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	36	36	3	0.37	AD	NC	NC		No
2008	Orthophosphorus	0704_02	From confluence with Bayou Din to upper end of segment	30	30	2	0.37	AD	NC	NC		No
2008	Total Phosphorus	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	38	38	3	0.69	AD	NC	NC		No
2008	Total Phosphorus	0704_02	From confluence with Bayou Din to upper end of segment	45	45	2	0.69	AD	NC	NC		No
Water Temperature												
2008	Temperature	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	85	39	0	35.00	AD	FS	FS		No
2008	Temperature	0704_02	From confluence with Bayou Din to upper end of segment	107	51	0	35.00	AD	FS	FS		No

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Segment ID: 0704 Hillebrandt Bayou

Water body type: Freshwater Stream

Water body size: 14 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	E. coli	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	18	18	0	20.22	126.00	AD	FS	FS	No
2008	E. coli	0704_02	From confluence with Bayou Din to upper end of segment	25	25	0	23.75	126.00	AD	FS	FS	No
2008	Fecal coliform	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	12	12	0	30.74	200.00	AD	FS	FS	No
2008	Fecal coliform	0704_02	From confluence with Bayou Din to upper end of segment	20	20	0	21.56	200.00	AD	FS	FS	No
Bacteria Single Sample												
2008	E. coli	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	18	18	3		394.00	AD	FS	FS	No
2008	E. coli	0704_02	From confluence with Bayou Din to upper end of segment	25	25	4		394.00	AD	FS	FS	No
2008	Fecal coliform	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	12	12	2		400.00	AD	FS	FS	No
2008	Fecal coliform	0704_02	From confluence with Bayou Din to upper end of segment	20	20	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: 0704A Willow Marsh Bayou (unclassified water body)

Water body type: Freshwater 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 24hr average												
2006	Dissolved Oxygen 24hr Avg	0704A_01 Entire water body	0	0			4.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	0704A_01 Entire water body	0	0			3.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	0704A_01 Entire water body	22	21	0		3.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	0704A_01 Entire water body	22	21	2		4.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	0704A_01 Entire water body	2	2	1		0.33	ID	NA	NA		No
2006	Chlorophyll-a	0704A_01 Entire water body	0	0			14.10	ID	NA	NA		No
2006	Nitrate	0704A_01 Entire water body	2	2	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	0704A_01 Entire water body	2	2	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	0704A_01 Entire water body	2	2	0		0.69	ID	NA	NA		No
Recreation Use												
Bacteria Geomean												
2006	E. coli	0704A_01 Entire water body	0	0			126.00	ID	NA	NA		No
2006	Fecal coliform	0704A_01 Entire water body	2	2		25.00	200.00	ID	NA	NA		No
Bacteria Single Sample												
2006	E. coli	0704A_01 Entire water body	0	0			394.00	ID	NA	NA		No
2006	Fecal coliform	0704A_01 Entire water body	2	2	1		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: 0704C Pevitot Gully (unclassified water body)

Water body type: Freshwater Stream

Water body size: 7 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	0704C_01	Entire water body	0	0		3.00	ID	NA	NA		No
Dissolved Oxygen 24hr minimum												
2006	Dissolved Oxygen 24hr Min	0704C_01	Entire water body	0	0		2.00	ID	NA	NA		No
Dissolved Oxygen grab minimum												
2006	Dissolved Oxygen Grab	0704C_01	Entire water body	21	21	1	2.00	AD	FS	FS		No
Dissolved Oxygen grab screening level												
2006	Dissolved Oxygen Grab	0704C_01	Entire water body	21	21	1	3.00	AD	NC	NC		No
General Use												
Nutrient Screening Levels												
2006	Ammonia	0704C_01	Entire water body	0	0		0.33	ID	NA	NA		No
2006	Chlorophyll-a	0704C_01	Entire water body	0	0		14.10	ID	NA	NA		No
2006	Nitrate	0704C_01	Entire water body	0	0		1.95	ID	NA	NA		No
2006	Orthophosphorus	0704C_01	Entire water body	0	0		0.37	ID	NA	NA		No
2006	Total Phosphorus	0704C_01	Entire water body	0	0		0.69	ID	NA	NA		No
Recreation Use												
Bacteria Geomean												
2006	E. coli	0704C_01	Entire water body	0	0		126.00	ID	NA	NA		No
2006	Fecal coliform	0704C_01	Entire water body	0	0		200.00	ID	NA	NA		No
Bacteria Single Sample												
2006	E. coli	0704C_01	Entire water body	0	0		394.00	ID	NA	NA		No
2006	Fecal coliform	0704C_01	Entire water body	0	0		400.00	ID	NA	NA		No