

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

2006 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Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to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 2006 to re-evaluate the level of support.

Segment ID: 0701 **Water body name:** Taylor Bayou Above Tidal

Water body type: Freshwater Stream

Water body size: 33.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Acute Toxic Substances in water

Aluminum	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	10	10	5	JQ	NA	NA		No
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Multiple Constituents	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
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Chronic Toxic Substances in water

Lead	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	9	7		2.0	JQ	NA	NA	No
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Multiple Constituents	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
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Dissolved Oxygen 24hr average

Dissolved Oxygen 24hr	0701_01	From saltwater lock to 8 miles upstream	12	12	5		AD	NS	NS	5a	No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	31	24	11		AD	NS	NS	5a	No

Dissolved Oxygen 24hr minimum

Dissolved Oxygen 24hr	0701_01	From saltwater lock to 8 miles upstream	12	12	4		AD	NS	NS	5a	No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	31	24	9		AD	NS	NS	5a	No

Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	0701_01	From saltwater lock to 8 miles upstream	31	31	4		SM	FS	FS		No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	56	41	4		SM	FS	FS		No

Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	0701_01	From saltwater lock to 8 miles upstream	31	31	6		SM	CS	CS		No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	56	41	7		SM	CS	CS		No

Toxic Substances in sediment

Multiple Constituents	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
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Fish Consumption Use

Bioaccumulative Toxics in fish tissue

Multiple Constituents	0701_01	From saltwater lock to 8 miles upstream	2	2		ID	NA	NA		No
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DSHS Advisories, Closures, and Risk Assessments

Risk Assess.- No Advisory	0701_01	From saltwater lock to 8 miles upstream				OE	FS	FS		No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou				OE	FS	FS		No
	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

Chromium	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
Lead	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	9	9	0.0	LD	NC	NC		No

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General Use

Dissolved Solids

Chloride	0701_01	From saltwater lock to 8 miles upstream	45	45		78.0	AD	FS	FS	No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	45	45		78.0	AD	FS	FS	No
Sulfate	0701_01	From saltwater lock to 8 miles upstream	35	35		36.0	AD	FS	FS	No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	35	35		36.0	AD	FS	FS	No
Total Dissolved Solids	0701_01	From saltwater lock to 8 miles upstream	45	45		274.0	AD	FS	FS	No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	45	45		274.0	AD	FS	FS	No

High pH

pH	0701_01	From saltwater lock to 8 miles upstream	31	31	0		AD	FS	FS	No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	56	41	0		AD	FS	FS	No

Low pH

pH	0701_01	From saltwater lock to 8 miles upstream	31	31	2		AD	FS	FS	No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	56	41	2		AD	FS	FS	No

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General Use

Nutrient Screening Levels

Ammonia	0701_01	From saltwater lock to 8 miles upstream	29	29	0	AD	NC	NC		No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	35	35	5	AD	NC	NC		No
Chlorophyll-a	0701_01	From saltwater lock to 8 miles upstream	29	29	11	AD	CS	CS		No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	10	10	7	AD	CS	CS		No
Nitrate	0701_01	From saltwater lock to 8 miles upstream	30	30	0	AD	NC	NC		No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	29	29	0	AD	NC	NC		No
Orthophosphorus	0701_01	From saltwater lock to 8 miles upstream	38	38	2	AD	NC	NC		No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	36	36	0	AD	NC	NC		No
Total Phosphorus	0701_01	From saltwater lock to 8 miles upstream	29	29	0	AD	NC	NC		No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	35	35	0	AD	NC	NC		No

Water Temperature

Temperature	0701_01	From saltwater lock to 8 miles upstream	31	31	0	AD	FS	FS		No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	56	41	0	AD	FS	FS		No

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Recreation Use

Bacteria Geomean

E. coli	0701_01	From saltwater lock to 8 miles upstream	10	10		35.0	AD	FS	FS	No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	15	15		33.0	AD	FS	FS	No
Fecal coliform	0701_01	From saltwater lock to 8 miles upstream	12	12		38.0	AD	FS	FS	No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	20	20		24.0	AD	FS	FS	No

Bacteria Single Sample

E. coli	0701_01	From saltwater lock to 8 miles upstream	10	10	1		AD	FS	FS	No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	15	15	2		AD	FS	FS	No
Fecal coliform	0701_01	From saltwater lock to 8 miles upstream	12	12	1		AD	FS	FS	No
	0701_02	from 8 miles upstream of saltwater lock to the confluence of N and S Forks Taylor Bayou	20	20	1		AD	FS	FS	No

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

Water body type: Reservoir

Water body size: 150.0 Acres

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Aquatic Life Use

Dissolved Oxygen 24hr average

Dissolved Oxygen 24hr	0701D_01	Entire water body	0	0		ID	NA	NA		No
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Dissolved Oxygen 24hr minimum

Dissolved Oxygen 24hr	0701D_01	Entire water body	0	0		ID	NA	NA		No
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Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	0701D_01	Entire water body	19	19	9	AD	NS	NS	5c	No
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Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	0701D_01	Entire water body	19	19	10	AD	CS	CS		No
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Fish Consumption Use

Bioaccumulative Toxics in fish tissue

Arsenic	0701D_01	Entire water body	20	20	9	JQ	CS	CS		No
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Multiple Constituents	0701D_01	Entire water body	20	20	1	AD	NC	NC		No
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General Use

Nutrient Screening Levels

Ammonia	0701D_01	Entire water body	20	20	0	AD	NC	NC		No
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Chlorophyll-a	0701D_01	Entire water body	20	20	0	AD	NC	NC		No
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Nitrate	0701D_01	Entire water body	20	20	0	AD	NC	NC		No
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Orthophosphorus	0701D_01	Entire water body	20	20	0	AD	NC	NC		No
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Total Phosphorus	0701D_01	Entire water body	20	20	0	AD	NC	NC		No
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Recreation Use

Bacteria Geomean

E. coli	0701D_01	Entire water body	10	10		11.0	AD	FS	FS	No
Fecal coliform	0701D_01	Entire water body	12	12		30.0	AD	FS	FS	No

Bacteria Single Sample

E. coli	0701D_01	Entire water body	10	10	0		AD	FS	FS	No
Fecal coliform	0701D_01	Entire water body	12	12	3		AD	FS	FS	No

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Segment ID: 0702 **Water body name:** Intracoastal Waterway Tidal

Water body type: Tidal Stream

Water body size: 63.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Acute Toxic Substances in water

Multiple Constituents	0702_03	From Port Bolivar to top of East Bay	1	1	0	ID	NA	NA		No
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Chronic Toxic Substances in water

Multiple Constituents	0702_03	From Port Bolivar to top of East Bay	1	1		ID	NA	NA		No
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Dissolved Oxygen 24hr average

Dissolved Oxygen 24hr	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	0	0		ID	NA	NA		No
	0702_02	Taylor Bayou tidal	0	0		ID	NA	NA		No
	0702_03	From Port Bolivar to top of East Bay	0	0		ID	NA	NA		No

Dissolved Oxygen 24hr minimum

Dissolved Oxygen 24hr	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	0	0		ID	NA	NA		No
	0702_02	Taylor Bayou tidal	0	0		ID	NA	NA		No
	0702_03	From Port Bolivar to top of East Bay	0	0		ID	NA	NA		No

Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	19	19	0	AD	FS	FS		No
	0702_02	Taylor Bayou tidal	19	19	0	AD	FS	FS		No
	0702_03	From Port Bolivar to top of East Bay	78	78	2	AD	FS	FS		No

Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	19	19	0	AD	NC	NC		No
	0702_02	Taylor Bayou tidal	19	19	1	AD	NC	NC		No
	0702_03	From Port Bolivar to top of East Bay	78	78	3	AD	NC	NC		No

Toxic Substances in sediment

Multiple Constituents	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	2	2	0	ID	NA	NA		No
	0702_02	Taylor Bayou tidal	2	2	0	ID	NA	NA		No
	0702_03	From Port Bolivar to top of East Bay	1	1	0	ID	NA	NA		No

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Water body size: 63.0 Miles

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Fish Consumption Use

HH Bioaccumulative Toxics in water

Multiple Constituents	0702_03	From Port Bolivar to top of East Bay	1	1		ID	NA	NA		No
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General Use

High pH

pH	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	19	19	0	AD	FS	FS		No
	0702_02	Taylor Bayou tidal	20	20	0	AD	FS	FS		No
	0702_03	From Port Bolivar to top of East Bay	53	53	0	AD	FS	FS		No

Low pH

pH	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	19	19	0	AD	FS	FS		No
	0702_02	Taylor Bayou tidal	20	20	0	AD	FS	FS		No
	0702_03	From Port Bolivar to top of East Bay	53	53	0	AD	FS	FS		No

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General Use

Nutrient Screening Levels

Ammonia	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	17	17	0	AD	NC	NC	No
	0702_02	Taylor Bayou tidal	20	20	0	AD	NC	NC	No
	0702_03	From Port Bolivar to top of East Bay	4	4	0	LD	NC	NC	No
Chlorophyll-a	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	18	18	0	AD	NC	NC	No
	0702_02	Taylor Bayou tidal	20	20	5	AD	NC	NC	No
	0702_03	From Port Bolivar to top of East Bay	4	4	1	LD	NC	NC	No
Nitrate	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	19	19	0	AD	NC	NC	No
	0702_02	Taylor Bayou tidal	21	21	0	AD	NC	NC	No
	0702_03	From Port Bolivar to top of East Bay	17	17	0	AD	NC	NC	No
Orthophosphorus	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	19	19	2	AD	NC	NC	No
	0702_02	Taylor Bayou tidal	21	21	1	AD	NC	NC	No
	0702_03	From Port Bolivar to top of East Bay	21	21	0	AD	NC	NC	No
Total Phosphorus	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	18	18	0	AD	NC	NC	No
	0702_02	Taylor Bayou tidal	20	20	0	AD	NC	NC	No
	0702_03	From Port Bolivar to top of East Bay	21	21	0	AD	NC	NC	No

Water Temperature

Temperature	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	19	19	0	AD	FS	FS	No
	0702_02	Taylor Bayou tidal	20	20	0	AD	FS	FS	No
	0702_03	From Port Bolivar to top of East Bay	78	78	0	AD	FS	FS	No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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Segment ID: 0702 **Water body name:** Intracoastal Waterway Tidal

Water body type: Tidal Stream

Water body size: 63.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Recreation Use

Bacteria Geomean

Enterococcus	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	12	12	45.0	AD	NS	NS	5c	No
	0702_02	Taylor Bayou tidal	12	12	14.0	AD	FS	FS		No
	0702_03	From Port Bolivar to top of East Bay	16	16	39.0	AD	NS	NS	5c	No
Fecal coliform	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	13	13	18.0	SM	FS	FS		No
	0702_02	Taylor Bayou tidal	13	13	20.0	AD	FS	FS		No
	0702_03	From Port Bolivar to top of East Bay	52	52	26.0	AD	FS	FS		No

Bacteria Single Sample

Enterococcus	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	12	12	4	AD	FS	FS		No
	0702_02	Taylor Bayou tidal	12	12	1	AD	FS	FS		No
	0702_03	From Port Bolivar to top of East Bay	16	16	3	AD	FS	FS		No
Fecal coliform	0702_01	From East Bay to confluence with Sabine-Neches Canal Tidal (0703)	13	13	1	SM	FS	FS		No
	0702_02	Taylor Bayou tidal	13	13	0	AD	FS	FS		No
	0702_03	From Port Bolivar to top of East Bay	52	52	0	AD	FS	FS		No

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

Water body type: Freshwater Stream

Water body size: 7.1 Miles

AU ID	Assessment Area (AU)	# of Samples	# Assessed	# of Exc	Mean of Samples	Dataset Qualifier	2006 Supp	Integ Supp	Imp Category	Carry Forward
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Aquatic Life Use

Acute Ambient Toxicity tests in water

Water Acute Toxicity	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	10	10	1	AD	FS	FS		No
	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	10	10	4	AD	NS	NS	5c	No
	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

Metals	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	12	12		AD	FS	FS		No
	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1		ID	NA	NA		No
	0702A_04	Drainage canal leading into Alligator Bayou approx. 0.8 miles north of SH82	1	1		ID	NA	NA		No
Organics	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	6	6		LD	NC	NC		No
	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1		ID	NA	NA		No
	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

Metals	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	12	12		AD	FS	FS		No
	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1		ID	NA	NA		No
Organics	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	6	6		LD	NC	NC		No
	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 **Water body name:** Alligator Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 7.1 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Chronic Toxicity tests in whole sediment

Sediment Chronic Toxicity	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	4	4	4	LD				No
	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1	1	ID				No
	0702A_04	Drainage canal leading into Alligator Bayou approx. 0.8 miles north of SH82	1	1	1	ID				No

Dissolved Oxygen 24hr average

Dissolved Oxygen 24hr	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	6	6	0	LD	NC	NC		No
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Dissolved Oxygen 24hr minimum

Dissolved Oxygen 24hr	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	6	6	0	LD	NC	NC		No
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Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	20	20	0	AD	FS	FS		No
	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	9	0		TR	NA	NA		No
	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

Dissolved Oxygen Grab	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	20	20	2	AD	NC	NC		No
	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	9	0		TR	NA	NA		No
	0702A_04	Drainage canal leading into Alligator Bayou approx. 0.8 miles north of SH82	8	0		TR	NA	NA		No

Elutriate Toxicity tests in sediment

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 **Water body name:** Alligator Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 7.1 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Fish Community

Fish Community	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	4	4		30.0	AD	NS	NS	5c	No
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Habitat

Habitat	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	4	4		14.0	AD	FS	FS		No
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LOE Toxic Sediment condition

Sediment Toxicity (LOE)	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou					JQ	NS	NS	5c	No
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Macrobenthic Community

Macrobenthic Community	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	4	4		22.0	AD	FS	FS		No
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Toxic Substances in sediment

Chrysene	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	10	10	4		AD	CS	CS		No
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Lead	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	10	10	8		AD	CS	CS		No
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Metals	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	11	11			AD	NC	NC		No
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	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1			ID	NA	NA		No
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Organics	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	10	10			AD	NC	NC		No
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	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1			ID	NA	NA		No
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Phenanthrene	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	10	10	4		AD	CS	CS		No
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Pyrene	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	10	10	4		AD	CS	CS		No
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Segment ID: 0702A **Water body name:** Alligator Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 7.1 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Fish Consumption Use

Bioaccumulative Toxics in fish tissue

Multiple Constituents	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	14	14		AD	NC	NC		No
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HH Bioaccumulative Toxics in water

Multiple Constituents	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	14	14		AD	FS	FS		No
	0702A_03	Upper portion from its headwaters at the Port Arthur Canal to SH82	1	1		ID	NA	NA		No
	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

Ammonia	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	11	11	0	AD	NC	NC		No
Chlorophyll-a	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	11	11	9	AD	CS	CS		No
Nitrate	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	11	11	2	AD	NC	NC		No
Orthophosphorus	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	11	11	1	AD	NC	NC		No
Total Phosphorus	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	11	11	0	AD	NC	NC		No

Recreation Use

Bacteria Geomean

Fecal coliform	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	7	7		155.0	LD	NC	NC	No
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Bacteria Single Sample

Fecal coliform	0702A_02	Lower portion from SH82 to its confluence with Taylor Bayou	7	7	2	LD	NC	NC		No
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Segment ID: 0703 **Water body name:** Sabine-Neches Canal Tidal

Water body type: Tidal Stream

Water body size: 16.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Acute Toxic Substances in water

Metals	0703_01	Entire segment	4	4	0	LD	NC	NC		No
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Chronic Toxic Substances in water

Metals	0703_01	Entire segment	4	4	0	LD	NC	NC		No
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Dissolved Oxygen 24hr average

Dissolved Oxygen 24hr	0703_01	Entire segment	0	0		ID	NA	NA		No
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Dissolved Oxygen 24hr minimum

Dissolved Oxygen 24hr	0703_01	Entire segment	0	0		ID	NA	NA		No
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Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	0703_01	Entire segment	39	39	0	AD	FS	FS		No
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Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	0703_01	Entire segment	39	39	0	AD	NC	NC		No
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Toxic Substances in sediment

Metals	0703_01	Entire segment	4	4	0	LD	NC	NC		No
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Organics	0703_01	Entire segment	4	4	0	LD	NC	NC		No
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Fish Consumption Use

HH Bioaccumulative Toxics in water

Chromium	0703_01	Entire segment	4	4	0	LD	NC	NC		No
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Lead	0703_01	Entire segment	4	4	0	LD	NC	NC		No
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Segment ID: 0703 **Water body name:** Sabine-Neches Canal Tidal

Water body type: Tidal Stream

Water body size: 16.0 Miles

	<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
General Use											
High pH											
pH	0703_01	Entire segment	39	39	0		AD	FS	FS		No
Low pH											
pH	0703_01	Entire segment	39	39	1		AD	FS	FS		No
Nutrient Screening Levels											
Ammonia	0703_01	Entire segment	40	40	0		AD	NC	NC		No
Chlorophyll-a	0703_01	Entire segment	39	39	0		AD	NC	NC		No
Nitrate	0703_01	Entire segment	16	16	0		AD	NC	NC		No
Orthophosphorus	0703_01	Entire segment	40	40	4		AD	NC	NC		No
Total Phosphorus	0703_01	Entire segment	40	40	0		AD	NC	NC		No
Water Temperature											
Temperature	0703_01	Entire segment	40	40	0		AD	FS	FS		No
Recreation Use											
Bacteria Geomean											
E. coli	0703_01	Entire segment	24	24		15.0	AD	FS	FS		No
Fecal coliform	0703_01	Entire segment	25	25		18.0	SM	FS	FS		No
Bacteria Single Sample											
E. coli	0703_01	Entire segment	24	24	3		AD	FS	FS		No
Fecal coliform	0703_01	Entire segment	25	25	0		SM	FS	FS		No

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Segment ID: 0704 **Water body name:** Hillebrandt Bayou

Water body type: Freshwater Stream

Water body size: 14.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Acute Toxic Substances in water

Metals	0704_02	From confluence with Bayou Din to upper end of segment	10	10		AD	FS	FS		No
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Chronic Toxic Substances in water

Metals	0704_02	From confluence with Bayou Din to upper end of segment	10	10		AD	FS	FS		No
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Dissolved Oxygen 24hr average

Dissolved Oxygen 24hr	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	14	14	1	AD	FS	FS		No
	0704_02	From confluence with Bayou Din to upper end of segment	31	31	6	AD	NS	NS	5a	No

Dissolved Oxygen 24hr minimum

Dissolved Oxygen 24hr	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	14	14	1	AD	FS	FS		No
	0704_02	From confluence with Bayou Din to upper end of segment	31	31	5	AD	NS	NS	5a	No

Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	31	31	2	SM	FS	FS		No
	0704_02	From confluence with Bayou Din to upper end of segment	46	41	1	SM	FS	FS		No

Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	31	31	4	SM	NC	NC		No
	0704_02	From confluence with Bayou Din to upper end of segment	46	41	4	SM	NC	NC		No

Toxic Substances in sediment

Metals	0704_02	From confluence with Bayou Din to upper end of segment	1	1		ID	NA	NA		No
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2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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Segment ID: 0704 **Water body name:** Hillebrandt Bayou

Water body type: Freshwater Stream

Water body size: 14.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 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

Chromium	0704_02	From confluence with Bayou Din to upper end of segment	10	10	5.0	AD	NC	NC		No
Lead	0704_02	From confluence with Bayou Din to upper end of segment	9	9	1.0	LD	NC	NC		No

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Segment ID: 0704 **Water body name:** Hillebrandt Bayou

Water body type: Freshwater Stream

Water body size: 14.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use

Dissolved Solids

Chloride	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	45	45		89.0	AD	FS	FS	No
	0704_02	From confluence with Bayou Din to upper end of segment	45	45		89.0	AD	FS	FS	No
Sulfate	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	35	35		38.0	AD	FS	FS	No
	0704_02	From confluence with Bayou Din to upper end of segment	35	35		38.0	AD	FS	FS	No
Total Dissolved Solids	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	45	45		353.0	AD	FS	FS	No
	0704_02	From confluence with Bayou Din to upper end of segment	45	45		353.0	AD	FS	FS	No

High pH

pH	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	31	31	0		AD	FS	FS	No
	0704_02	From confluence with Bayou Din to upper end of segment	46	41	0		AD	FS	FS	No

Low pH

pH	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	31	31	0		AD	FS	FS	No
	0704_02	From confluence with Bayou Din to upper end of segment	46	41	0		AD	FS	FS	No

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Segment ID: 0704 **Water body name:** Hillebrandt Bayou

Water body type: Freshwater Stream

Water body size: 14.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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General Use

Nutrient Screening Levels

Ammonia	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	30	30	3	AD	NC	NC	No
	0704_02	From confluence with Bayou Din to upper end of segment	35	35	14	AD	CS	CS	No
Chlorophyll-a	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	30	30	20	AD	CS	CS	No
	0704_02	From confluence with Bayou Din to upper end of segment	10	10	10	AD	CS	CS	No
Nitrate	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	30	30	0	AD	NC	NC	No
	0704_02	From confluence with Bayou Din to upper end of segment	35	35	0	AD	NC	NC	No
Orthophosphorus	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	29	29	1	AD	NC	NC	No
	0704_02	From confluence with Bayou Din to upper end of segment	30	30	3	AD	NC	NC	No
Total Phosphorus	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	30	30	1	AD	NC	NC	No
	0704_02	From confluence with Bayou Din to upper end of segment	35	35	2	AD	NC	NC	No

Water Temperature

Temperature	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	57	57	0	AD	FS	FS	No
	0704_02	From confluence with Bayou Din to upper end of segment	46	41	0	AD	FS	FS	No

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Segment ID: 0704 **Water body name:** Hillebrandt Bayou

Water body type: Freshwater Stream

Water body size: 14.0 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Recreation Use

Bacteria Geomean

E. coli	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	10	10		31.0	AD	FS	FS	No
	0704_02	From confluence with Bayou Din to upper end of segment	15	15		11.0	AD	FS	FS	No
Fecal coliform	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	12	12		31.0	AD	FS	FS	No
	0704_02	From confluence with Bayou Din to upper end of segment	20	20		22.0	SM	FS	FS	No

Bacteria Single Sample

E. coli	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	10	10	2		AD	FS	FS	No
	0704_02	From confluence with Bayou Din to upper end of segment	15	15	1		AD	FS	FS	No
Fecal coliform	0704_01	From confluence with Taylor Bayou to confluence with Bayou Din	12	12	2		AD	FS	FS	No
	0704_02	From confluence with Bayou Din to upper end of segment	20	20	1		SM	FS	FS	No

2006 Texas Water Quality Inventory - Basin Assessment Data by Segment

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Segment ID: 0704A **Water body name:** Willow Marsh Bayou (unclassified water body)

Water body type: Freshwater Stream

Water body size: 11.5 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen 24hr average

Dissolved Oxygen 24hr	0704A_01	Entire water body	0	0		ID	NA	NA		No
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Dissolved Oxygen 24hr minimum

Dissolved Oxygen 24hr	0704A_01	Entire water body	0	0		ID	NA	NA		No
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Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	0704A_01	Entire water body	22	21	0	AD	FS	FS		No
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Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	0704A_01	Entire water body	22	21	2	AD	NC	NC		No
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General Use

Nutrient Screening Levels

Ammonia	0704A_01	Entire water body	2	2	1	ID	NA	NA		No
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Chlorophyll-a	0704A_01	Entire water body	0	0		ID	NA	NA		No
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Nitrate	0704A_01	Entire water body	2	2	0	ID	NA	NA		No
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Orthophosphorus	0704A_01	Entire water body	2	2	0	ID	NA	NA		No
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Total Phosphorus	0704A_01	Entire water body	2	2	0	ID	NA	NA		No
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Recreation Use

Bacteria Geomean

E. coli	0704A_01	Entire water body	0	0		ID	NA	NA		No
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Fecal coliform	0704A_01	Entire water body	2	2	25.0	ID	NA	NA		No
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Bacteria Single Sample

E. coli	0704A_01	Entire water body	0	0		ID	NA	NA		No
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Fecal coliform	0704A_01	Entire water body	2	2	1	ID	NA	NA		No
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Segment ID: 0704C **Water body name:** Pevitot Gully (unclassified water body)

Water body type: Freshwater Stream

Water body size: 7.4 Miles

<u>AU ID</u>	<u>Assessment Area (AU)</u>	<u># of Samples</u>	<u># Assessed</u>	<u># of Exc</u>	<u>Mean of Samples</u>	<u>Dataset Qualifier</u>	<u>2006 Supp</u>	<u>Integ Supp</u>	<u>Imp Category</u>	<u>Carry Forward</u>
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Aquatic Life Use

Dissolved Oxygen 24hr average

Dissolved Oxygen 24hr	0704C_01	Entire water body	0	0		ID	NA	NA		No
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Dissolved Oxygen 24hr minimum

Dissolved Oxygen 24hr	0704C_01	Entire water body	0	0		ID	NA	NA		No
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Dissolved Oxygen grab minimum

Dissolved Oxygen Grab	0704C_01	Entire water body	21	21	1	AD	FS	FS		No
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Dissolved Oxygen grab screening level

Dissolved Oxygen Grab	0704C_01	Entire water body	21	21	1	AD	NC	NC		No
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General Use

Nutrient Screening Levels

Ammonia	0704C_01	Entire water body	0	0		ID	NA	NA		No
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Chlorophyll-a	0704C_01	Entire water body	0	0		ID	NA	NA		No
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Nitrate	0704C_01	Entire water body	0	0		ID	NA	NA		No
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Orthophosphorus	0704C_01	Entire water body	0	0		ID	NA	NA		No
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Total Phosphorus	0704C_01	Entire water body	0	0		ID	NA	NA		No
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Recreation Use

Bacteria Geomean

E. coli	0704C_01	Entire water body	0	0		ID	NA	NA		No
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Fecal coliform	0704C_01	Entire water body	0	0		ID	NA	NA		No
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Bacteria Single Sample

E. coli	0704C_01	Entire water body	0	0		ID	NA	NA		No
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Fecal coliform	0704C_01	Entire water body	0	0		ID	NA	NA		No
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