

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Data; ID- Inadequate Data; LD- Limited Data; TR- Not Temporally Representative; SR- Not Spatially Representative; SM- Superseded by another method; JQ- Assessor Judgement; OE- Other Information Evaluated; OS- Out-of-State; AU ID - Assessment Unit ID *Note: Carry-forward refers to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: 1501 Tres Palacios Creek Tidal

Water body type: Tidal Stream

Water body size: 8 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	1501_01	Entire segment	11	11	5	5.00	AD	NS	NS	5b	No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	1501_01	Entire segment	11	11	7	4.00	AD	NS	NS	5b	No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	1501_01	Entire segment	151	91	13	4.00	SM	NS	NS		No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	1501_01	Entire segment	151	91	26	5.00	SM	CS	CS		No
Toxic Substances in sediment												
2006	Multiple	1501_01	Entire segment	2	2	0		ID	NA	NA		No
General Use												
High pH												
2008	pH	1501_01	Entire segment	151	91	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	1501_01	Entire segment	151	91	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	1501_01	Entire segment	82	82	0	0.46	AD	NC	NC		No
2008	Chlorophyll-a	1501_01	Entire segment	79	79	30	21.00	AD	CS	CS		No
2008	Nitrate	1501_01	Entire segment	103	103	18	1.10	AD	NC	NC		No
2008	Orthophosphorus	1501_01	Entire segment	98	98	0	0.46	AD	NC	NC		No
2008	Total Phosphorus	1501_01	Entire segment	102	102	2	0.66	AD	NC	NC		No
Water Temperature												
2008	Temperature	1501_01	Entire segment	151	91	0	35.00	AD	FS	FS		No

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Recreation Use													
Bacteria Geomean													
2008	Enterococcus	1501_01	Entire segment	50	50	1	149.94	35.00	AD	NS	NS	5a	No
2008	Fecal coliform	1501_01	Entire segment	22	22	0	123.28	200.00	SM	FS	FS		No
Bacteria Single Sample													
2008	Enterococcus	1501_01	Entire segment	50	50	30		89.00	AD	NS	NS	5a	No
2008	Fecal coliform	1501_01	Entire segment	22	22	5		400.00	SM	FS	FS		No

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Segment ID: 1502 Tres Palacios Creek Above Tidal

Water body type: Freshwater Stream

Water body size: 45 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	1502_01	Middle 23 miles of segment	2	2	0		5.00	ID	NA	NA	No
Dissolved Oxygen 24hr minimum												
2008	Dissolved Oxygen 24hr Min	1502_01	Middle 23 miles of segment	2	2	0		3.00	ID	NA	NA	No
Dissolved Oxygen grab minimum												
2008	Dissolved Oxygen Grab	1502_01	Middle 23 miles of segment	33	29	0		3.00	AD	FS	FS	No
Dissolved Oxygen grab screening level												
2008	Dissolved Oxygen Grab	1502_01	Middle 23 miles of segment	33	29	0		5.00	AD	NC	NC	No
Fish Community												
2008	Fish Community	1502_01	Middle 23 miles of segment	4	4		41.10	39.00	AD	FS	FS	No
Macrobenthic Community												
2008	Macrobenthic Community	1502_01	Middle 23 miles of segment	4	4		31.40	29.00	AD	FS	FS	No
Toxic Substances in sediment												
2006	Multiple	1502_01	Middle 23 miles of segment	1	1	0			ID	NA	NA	No
2006	Multiple	1502_02	Upper 10 miles of segment	1	1	0			ID	NA	NA	No
2006	Multiple	1502_03	Lower 12 miles of segment	1	1	0			ID	NA	NA	No

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Water body size: 45 Miles

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General Use												
Dissolved Solids												
2008	Chloride	1502_01	Middle 23 miles of segment	28	28	235.11	250.00	AD	FS	FS		No
2008	Chloride	1502_02	Upper 10 miles of segment	28	28	235.11	250.00	AD	FS	FS		No
2008	Chloride	1502_03	Lower 12 miles of segment	28	28	235.11	250.00	AD	FS	FS		No
2008	Sulfate	1502_01	Middle 23 miles of segment	28	28	34.89	100.00	AD	FS	FS		No
2008	Sulfate	1502_02	Upper 10 miles of segment	28	28	34.89	100.00	AD	FS	FS		No
2008	Sulfate	1502_03	Lower 12 miles of segment	28	28	34.89	100.00	AD	FS	FS		No
2008	Total Dissolved Solids	1502_01	Middle 23 miles of segment	39	39	798.28	800.00	AD	FS	FS		No
2008	Total Dissolved Solids	1502_02	Upper 10 miles of segment	39	39	798.28	800.00	AD	FS	FS		No
2008	Total Dissolved Solids	1502_03	Lower 12 miles of segment	39	39	798.28	800.00	AD	FS	FS		No
High pH												
2008	pH	1502_01	Middle 23 miles of segment	32	28	0	9.00	AD	FS	FS		No
Low pH												
2008	pH	1502_01	Middle 23 miles of segment	32	28	0	6.50	AD	FS	FS		No
Nutrient Screening Levels												
2008	Ammonia	1502_01	Middle 23 miles of segment	28	28	1	0.33	AD	NC	NC		No
2008	Chlorophyll-a	1502_01	Middle 23 miles of segment	28	28	3	14.10	AD	NC	NC		No
2008	Nitrate	1502_01	Middle 23 miles of segment	28	28	4	1.95	AD	NC	NC		No
2008	Orthophosphorus	1502_01	Middle 23 miles of segment	28	28	4	0.37	AD	NC	NC		No
2008	Total Phosphorus	1502_01	Middle 23 miles of segment	27	27	1	0.69	AD	NC	NC		No
Water Temperature												
2008	Temperature	1502_01	Middle 23 miles of segment	41	37	1	32.20	AD	FS	FS		No

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Recreation Use													
Bacteria Geomean													
2008	E. coli	1502_01	Middle 23 miles of segment	20	20	1	135.01	126.00	AD	NS	NS	5c	No
2008	Fecal coliform	1502_01	Middle 23 miles of segment	14	14	0	157.18	200.00	SM	FS	FS		No
Bacteria Single Sample													
2008	E. coli	1502_01	Middle 23 miles of segment	20	20	5	394.00	AD	FS	FS		No	
2008	Fecal coliform	1502_01	Middle 23 miles of segment	14	14	2	400.00	AD	FS	FS		No	